

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041918\
 Data File : BG033865.D
 Acq On : 19 Apr 2018 11:51
 Operator : SJ/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 19 13:11:47 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:09:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	48894	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	243820	20.00	ng	0.00
38) Acenaphthene-d10	14.48	164	166646	20.00	ng	0.00
63) Phenanthrene-d10	17.23	188	408586	20.00	ng	0.00
75) Chrysene-d12	21.49	240	398170	20.00	ng	0.00
86) Perylene-d12	24.56	264	411766	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	300362	115.19	ng	0.00
7) Phenol-d6	7.01	99	449601	100.35	ng	0.00
23) Nitrobenzene-d5	8.99	82	436472	82.25	ng	0.00
41) 2,4,6-Tribromophenol	15.97	330	205623	82.50	ng	0.00
44) 2-Fluorobiphenyl	13.10	172	1124561	97.42	ng	0.00
78) Terphenyl-d14	19.87	244	1749873	93.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	62187	46.962	ng	91
3) Pyridine	3.81	79	191797	52.396	ng	99
4) n-Nitrosodimethylamine	3.72	42	84065	55.961	ng	# 83
6) Aniline	7.17	93	299063	56.762	ng	97
8) 2-Chlorophenol	7.41	128	168413	56.496	ng	95
9) Benzaldehyde	6.98	77	105016	36.884	ng	98
10) Phenol	7.03	94	228158	51.580	ng	99
11) bis(2-Chloroethyl)ether	7.27	93	171346	47.457	ng	97
12) 1,3-Dichlorobenzene	7.73	146	194163	49.820	ng	98
13) 1,4-Dichlorobenzene	7.87	146	194662	49.874	ng	97
14) 1,2-Dichlorobenzene	8.19	146	190796	50.086	ng	94
15) Benzyl Alcohol	8.07	79	196013	55.568	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.37	45	337520	57.344	ng	98
17) 2-Methylphenol	8.27	107	168868	56.040	ng	93
18) Hexachloroethane	8.91	117	71991	47.790	ng	92
19) n-Nitroso-di-n-propylamine	8.65	70	189546	57.736	ng	94
20) 3+4-Methylphenols	8.60	107	245551	57.232	ng	97
22) Acetophenone	8.65	105	329676	49.354	ng	# 98
24) Nitrobenzene	9.04	77	234967	41.365	ng	98
25) Isophorone	9.56	82	485798	47.165	ng	97
26) 2-Nitrophenol	9.74	139	96618	44.927	ng	95
27) 2,4-Dimethylphenol	9.80	122	169279	54.185	ng	97
28) bis(2-Chloroethoxy)methane	10.05	93	253531	49.334	ng	98
29) 2,4-Dichlorophenol	10.27	162	192450	50.091	ng	94
30) 1,2,4-Trichlorobenzene	10.49	180	214651	43.002	ng	98
31) Naphthalene	10.67	128	615751	48.734	ng	99
32) Benzoic acid	9.95	122	167539	57.689	ng	91
33) 4-Chloroaniline	10.78	127	294611	52.045	ng	98
34) Hexachlorobutadiene	10.97	225	131769	34.907	ng	97
35) Caprolactam	11.57	113	82450	54.778	ng	# 81
36) 4-Chloro-3-methylphenol	11.91	107	232816	46.461	ng	89
37) 2-Methylnaphthalene	12.29	142	478830	48.827	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.66	216	278353	46.113	ng	97
40) Hexachlorocyclopentadiene	12.64	237	157934	44.631	ng	93

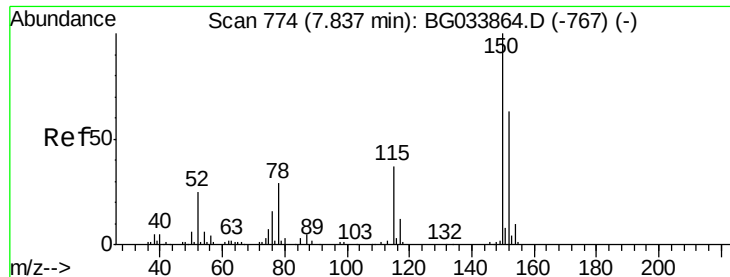
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041918\
 Data File : BG033865.D
 Acq On : 19 Apr 2018 11:51
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:09:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.90	196	171483	48.895	nq	93
43) 2,4,5-Trichlorophenol	12.97	196	197500	47.643	nq	96
45) 1,1'-Biphenyl	13.31	154	676423	52.833	nq	96
46) 2-Chloronaphthalene	13.35	162	512685	51.934	nq	98
47) 2-Nitroaniline	13.55	65	166672	45.077	nq	93
48) Acenaphthylene	14.19	152	852838	51.757	nq	99
49) Dimethylphthalate	13.94	163	721450	49.746	nq	99
50) 2,6-Dinitrotoluene	14.05	165	143329	48.334	nq	95
51) Acenaphthene	14.54	154	551513	51.920	nq	98
52) 3-Nitroaniline	14.38	138	165691	53.295	nq #	87
53) 2,4-Dinitrophenol	14.58	184	52537	42.408	nq #	54
54) Dibenzofuran	14.88	168	789304	50.305	nq	95
55) 4-Nitrophenol	14.68	139	127462	58.305	nq	93
56) 2,4-Dinitrotoluene	14.84	165	198143	45.381	nq #	91
57) Fluorene	15.53	166	681560	50.988	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.10	232	186520	47.794	nq	98
59) Diethylphthalate	15.32	149	764155	54.263	nq	99
60) 4-Chlorophenyl-phenylether	15.53	204	355518	46.267	nq	99
61) 4-Nitroaniline	15.55	138	170648	54.203	nq	96
62) Azobenzene	15.82	77	686342	50.312	nq	98
64) 4,6-Dinitro-2-methylphenol	15.60	198	97243	39.784	nq	94
65) n-Nitrosodiphenylamine	15.74	169	601740	51.587	nq	99
66) 4-Bromophenyl-phenylether	16.43	248	227731	47.459	nq	96
67) Hexachlorobenzene	16.53	284	240224	47.436	nq #	73
68) Atrazine	16.70	200	222092	46.987	nq	98
69) Pentachlorophenol	16.87	266	171911	49.460	nq #	58
70) Phenanthrene	17.27	178	1083272	50.908	nq	98
71) Anthracene	17.36	178	1091143	50.643	nq	99
72) Carbazole	17.63	167	1032365	54.072	nq	97
73) Di-n-butylphthalate	18.22	149	1282494	57.711	nq	98
74) Fluoranthene	19.29	202	1282804	48.715	nq	95
76) Benzidine	19.48	184	520589	48.213	nq	97
77) Pyrene	19.65	202	1307233	49.226	nq	95
79) Butylbenzylphthalate	20.57	149	584897	59.686	nq	93
80) Benzo(a)anthracene	21.47	228	1250235	49.312	nq	99
81) 3,3'-Dichlorobenzidine	21.40	252	474983	52.647	nq	98
82) Chrysene	21.54	228	1203255	49.027	nq	96
83) Bis(2-ethylhexyl)phthalate	21.43	149	823295	60.945	nq	97
84) Di-n-octyl phthalate	22.61	149	1326291	64.123	nq	98
85) Indeno(1,2,3-cd)pyrene	28.05	276	1413905	53.284	nq #	94
87) Benzo(b)fluoranthene	23.59	252	1243276	52.261	nq	100
88) Benzo(k)fluoranthene	23.66	252	1242118	51.625	nq	96
89) Benzo(a)pyrene	24.42	252	1205349	52.760	nq	99
90) Dibenzo(a,h)anthracene	28.12	278	1161180	53.958	nq	98
91) Benzo(g,h,i)perylene	29.14	276	1151040	54.014	nq	98

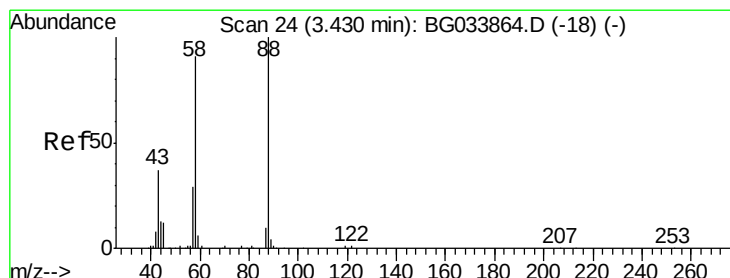
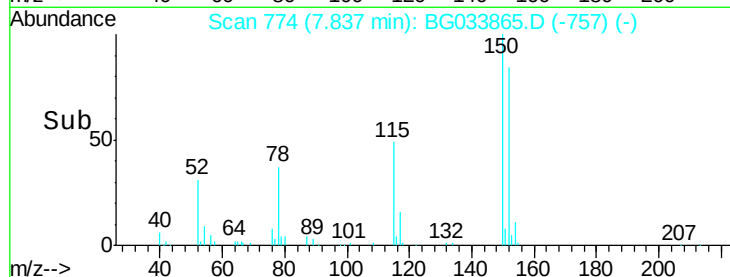
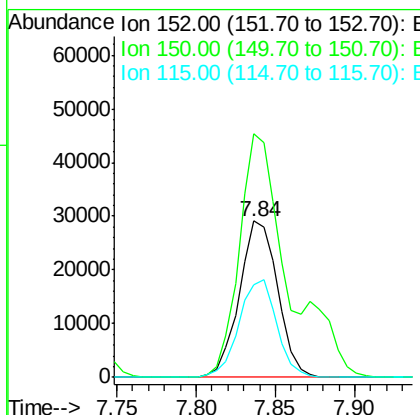
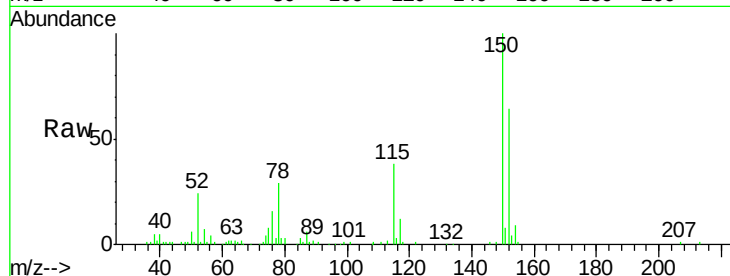
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.84 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BG033865.D
 Acq: 19 Apr 2018 11:51

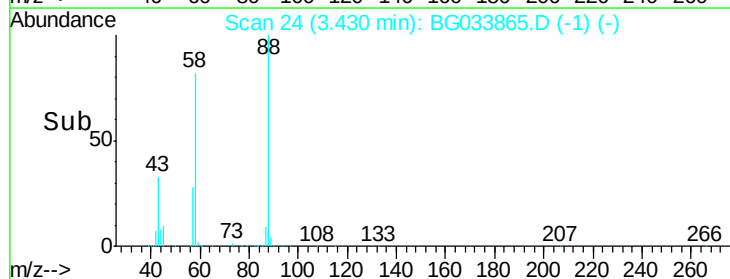
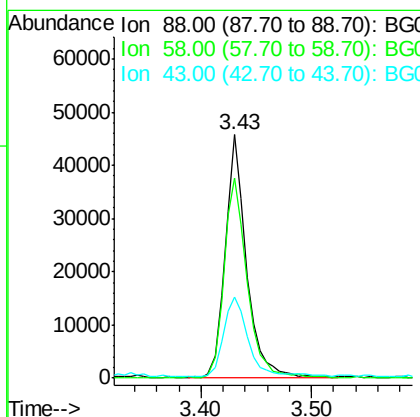
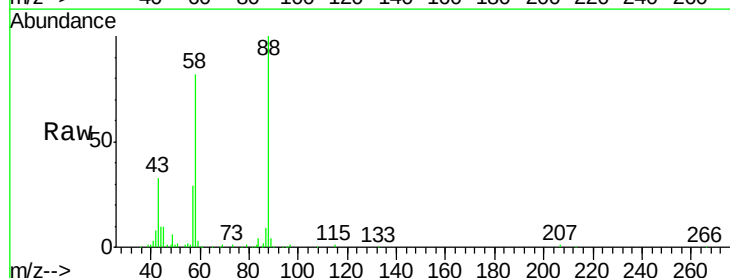
Instrument :
 BNA_G
 ClientSampled :

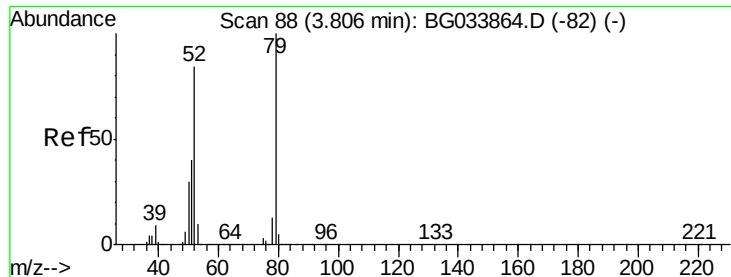
Tot Ion:152 Resp: 48894
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.6 189.8
 115 58.9 53.0 79.4



#2
 1,4-Dioxane
 Concen: 46.962 ng
 RT: 3.43 min Scan# 24
 Delta R.T. 0.00 min
 Lab File: BG033865.D
 Acq: 19 Apr 2018 11:51

Tgt Ion: 88 Resp: 62187
 Ion Ratio Lower Upper
 88 100
 58 88.3 79.6 119.4
 43 35.9 27.4 41.0





#3

Pvridine

Concen: 52.396 ng

RT: 3.81 min Scan# 88

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

Instrument :

BNA_G

ClientSampleId :

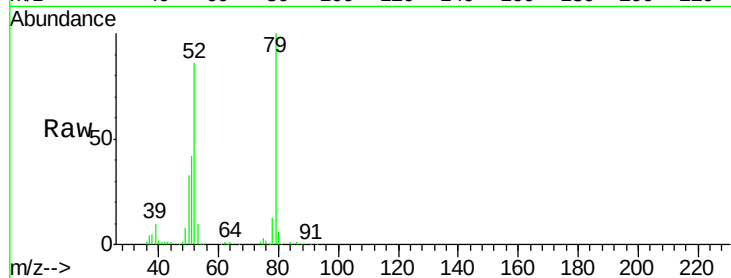
Tot Ion: 79 Resp: 191797

Ion Ratio Lower Upper

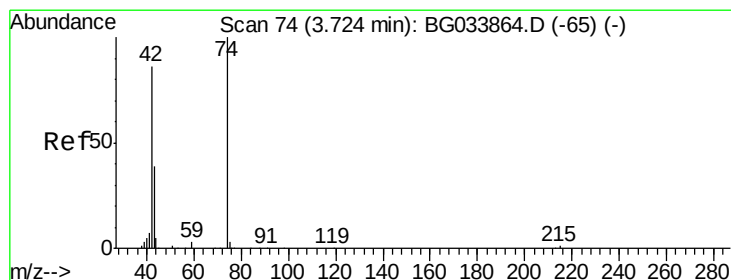
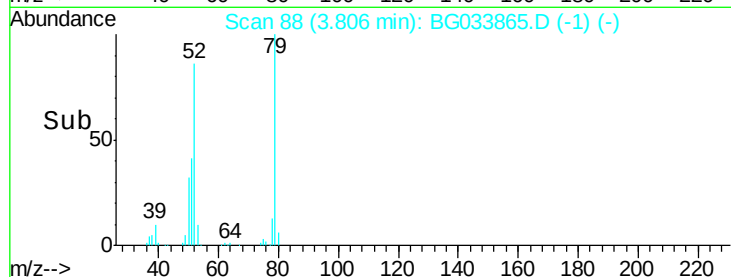
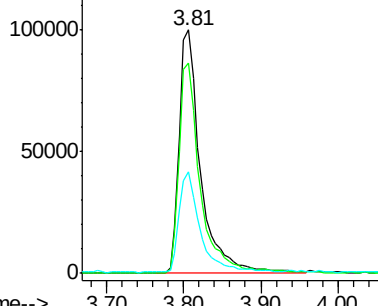
79 100

52 86.2 69.9 104.9

51 41.8 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 55.961 ng

RT: 3.72 min Scan# 74

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

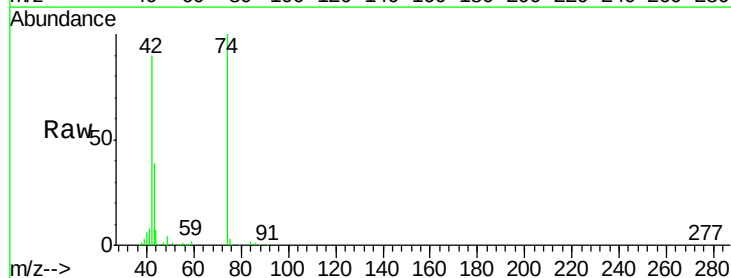
Tgt Ion: 42 Resp: 84065

Ion Ratio Lower Upper

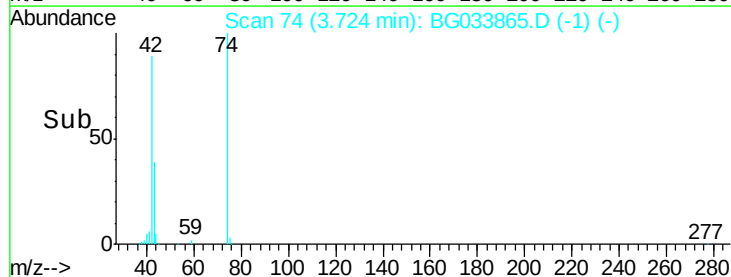
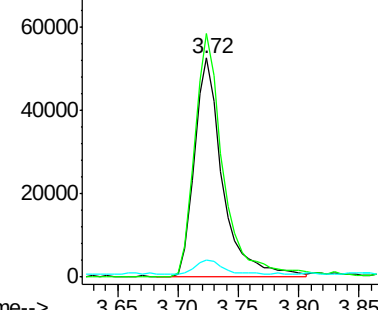
42 100

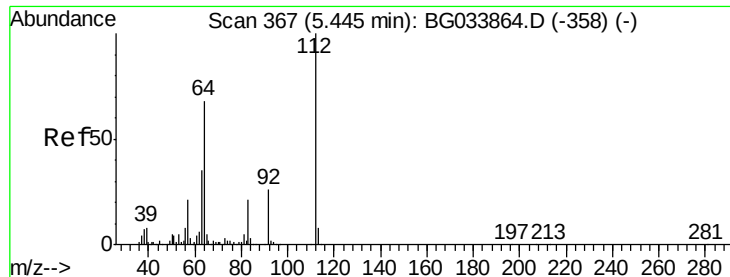
74 111.2 102.5 153.7

44 7.9 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 115.191 ng

RT: 5.45 min Scan# 367

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

Instrument :

BNA_G

ClientSampleId :

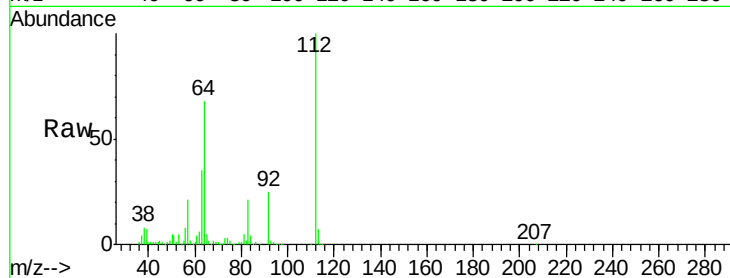
Tot Ion:112 Resp: 300362

Ion Ratio Lower Upper

112 100

64 67.7 56.3 84.5

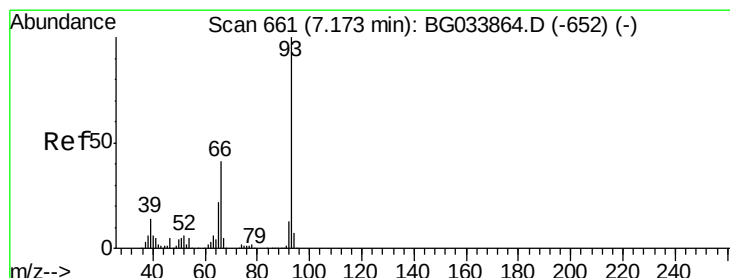
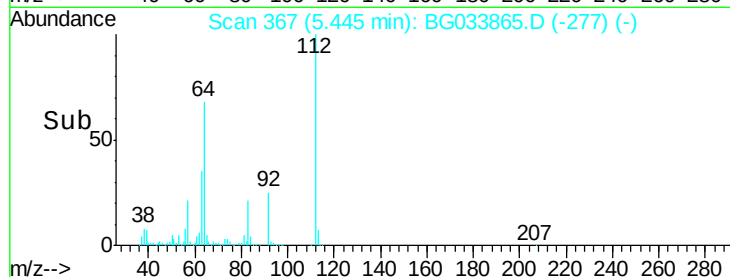
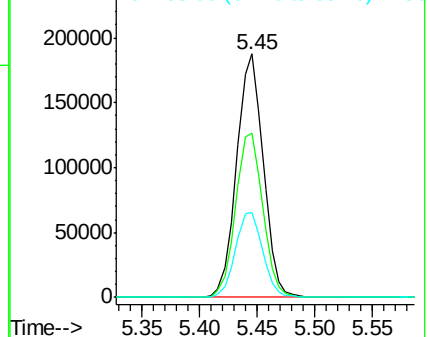
63 34.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 56.762 ng

RT: 7.17 min Scan# 661

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

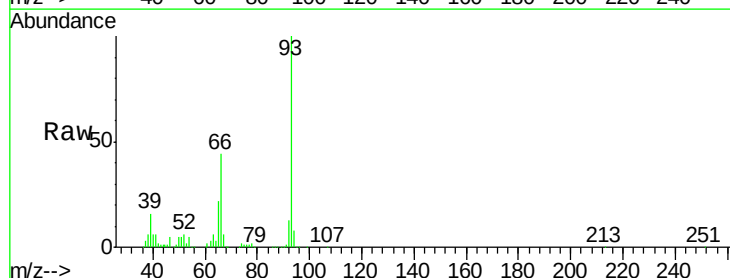
Tgt Ion: 93 Resp: 299063

Ion Ratio Lower Upper

93 100

66 43.8 33.7 50.5

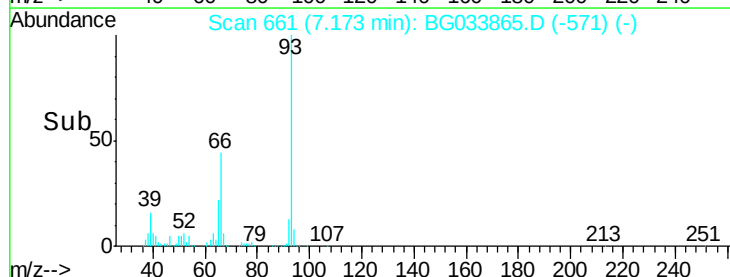
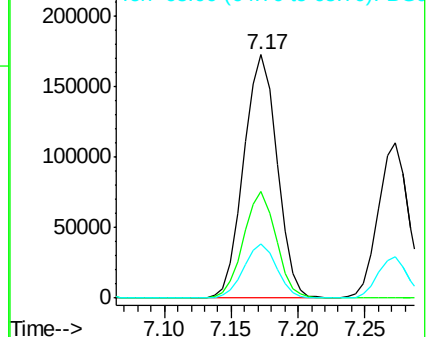
65 22.4 16.1 24.1

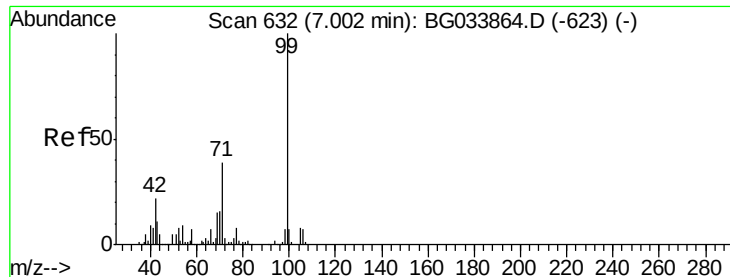


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 100.352 ng

RT: 7.01 min Scan# 633

Delta R.T. 0.01 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

Instrument :

BNA_G

ClientSampleId :

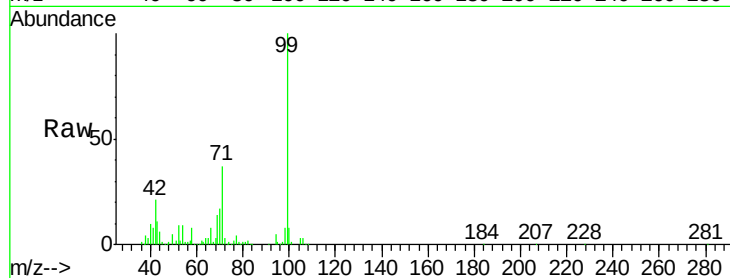
Tot Ion: 99 Resp: 449601

Ion Ratio Lower Upper

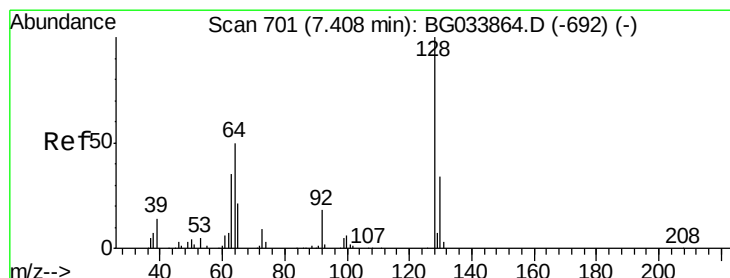
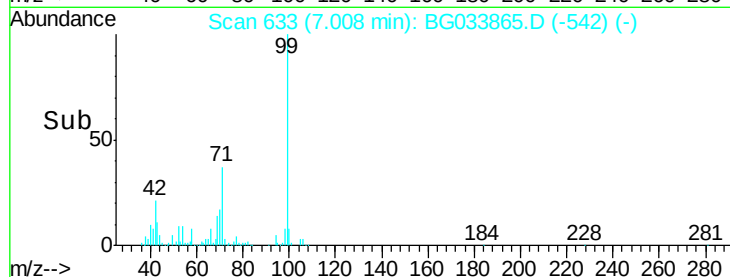
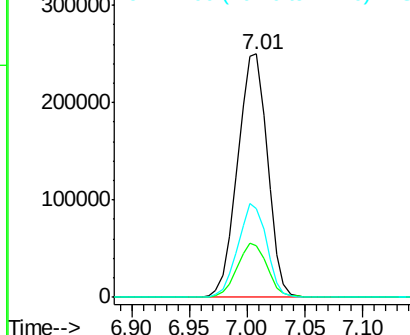
99 100

42 21.3 14.1 21.1#

71 36.6 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 56.496 ng

RT: 7.41 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

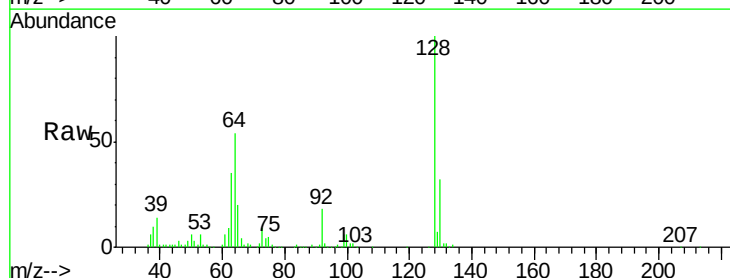
Tgt Ion:128 Resp: 168413

Ion Ratio Lower Upper

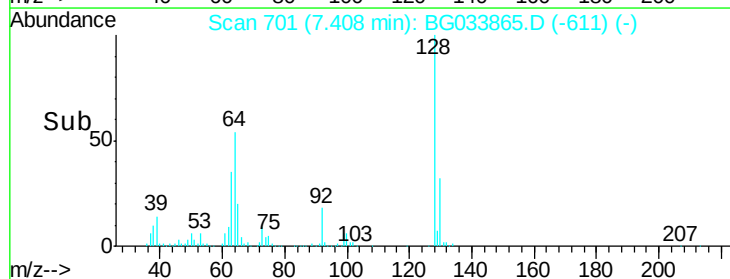
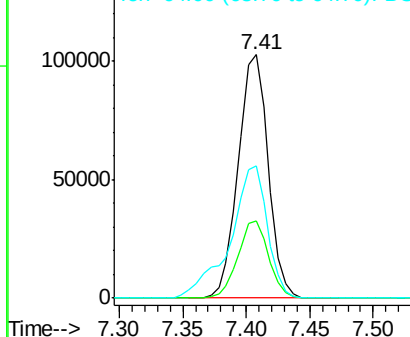
128 100

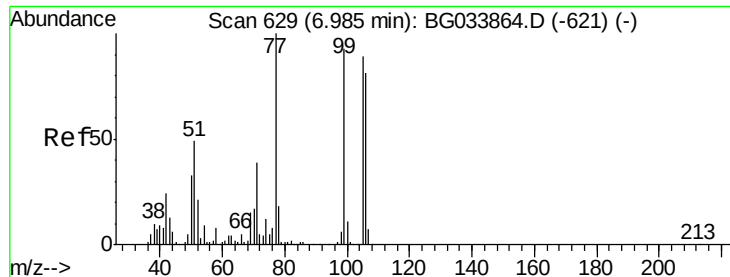
130 31.5 14.0 54.0

64 54.2 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 36.884 ng

RT: 6.98 min Scan# 629

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

Instrument :

BNA_G

ClientSampleId :

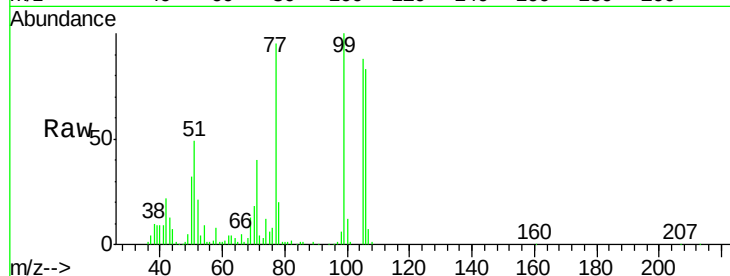
Tot Ion: 77 Resp: 105016

Ion Ratio Lower Upper

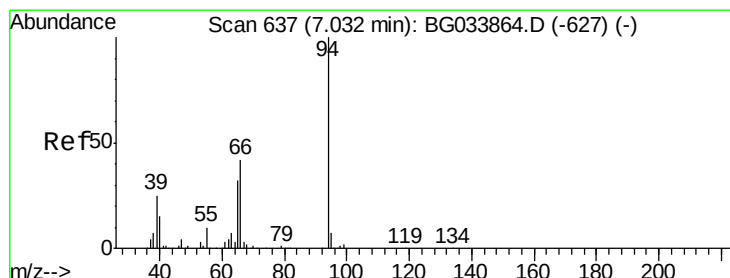
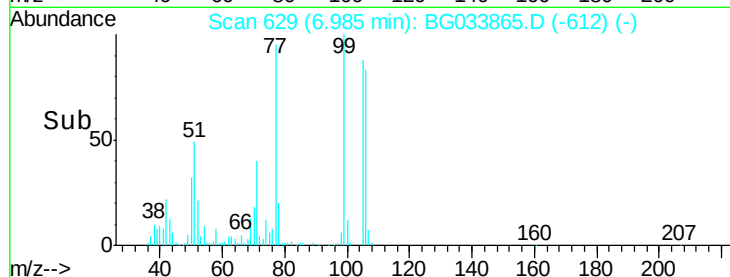
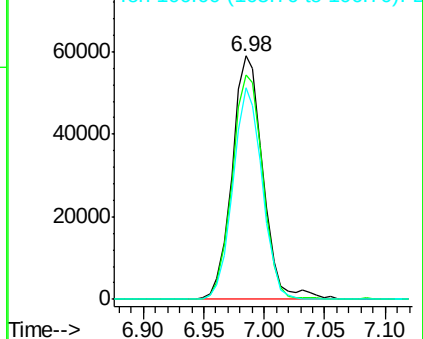
77 100

105 92.4 71.3 111.3

106 87.0 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 51.580 ng

RT: 7.03 min Scan# 637

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

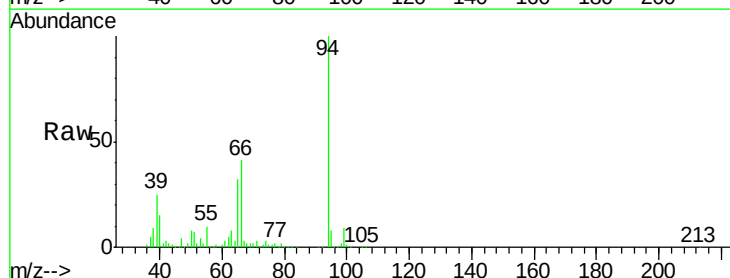
Tgt Ion: 94 Resp: 228158

Ion Ratio Lower Upper

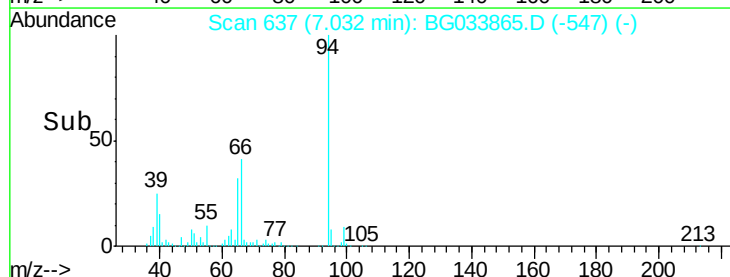
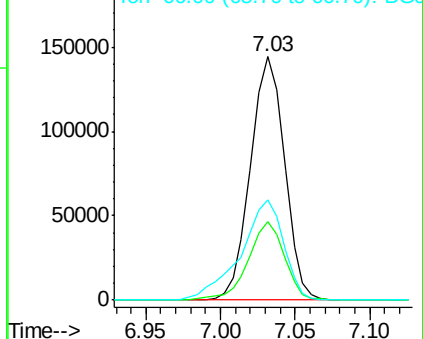
94 100

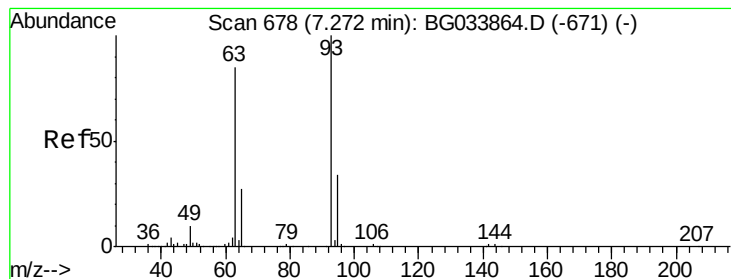
65 32.3 11.9 51.9

66 41.4 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

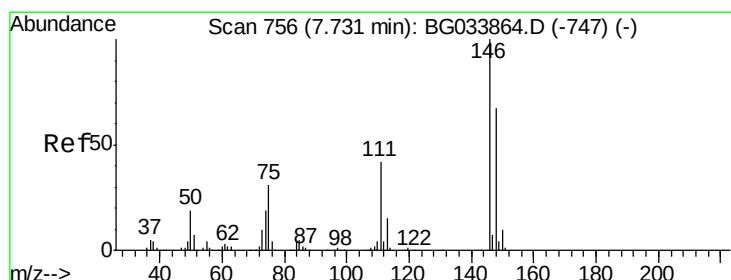
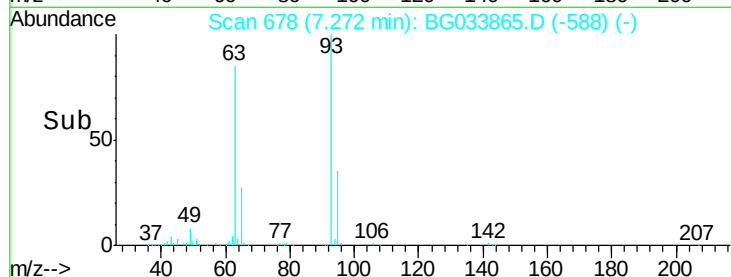
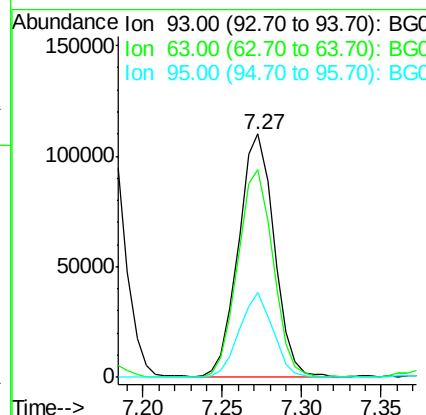
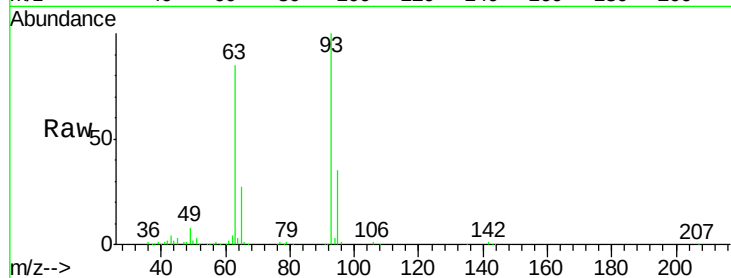




#11
bis(2-Chloroethyl)ether
Concen: 47.457 ng
RT: 7.27 min Scan# 678
Delta R.T. 0.00 min
Lab File: BG033865.D
Acq: 19 Apr 2018 11:51

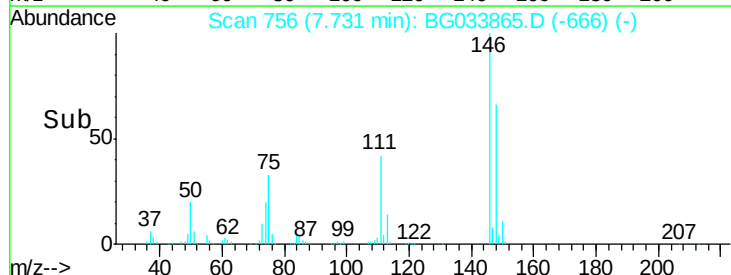
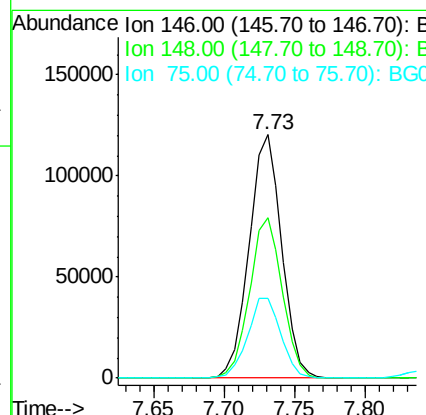
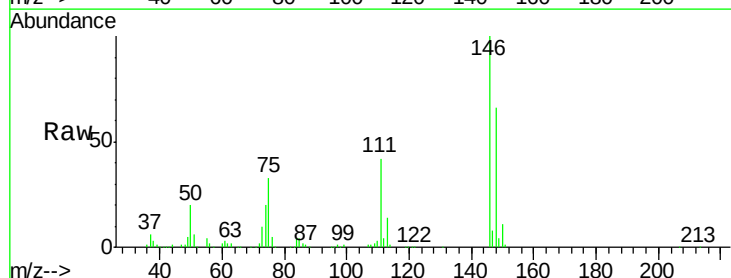
Instrument :
BNA_G
ClientSampled :

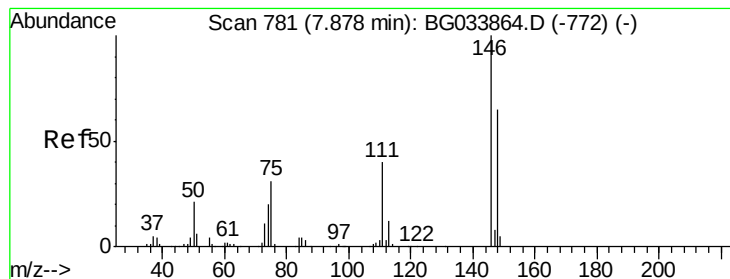
Tot Ion	Ratio	Lower	Upper
93	100		
63	85.3	67.1	107.1
95	35.0	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 49.820 ng
RT: 7.73 min Scan# 756
Delta R.T. 0.00 min
Lab File: BG033865.D
Acq: 19 Apr 2018 11:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.4	77.2
75	32.6	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 49.874 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

Instrument :

BNA_G

ClientSampleId :

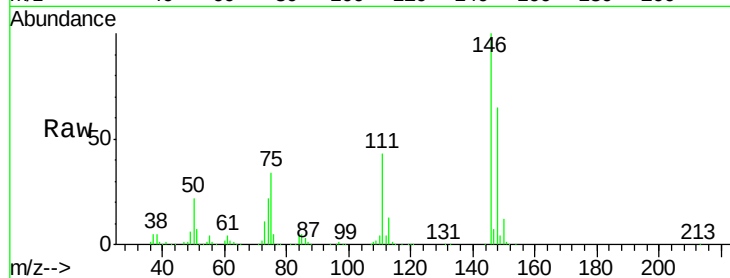
Tot Ion:146 Resp: 194662

Ion Ratio Lower Upper

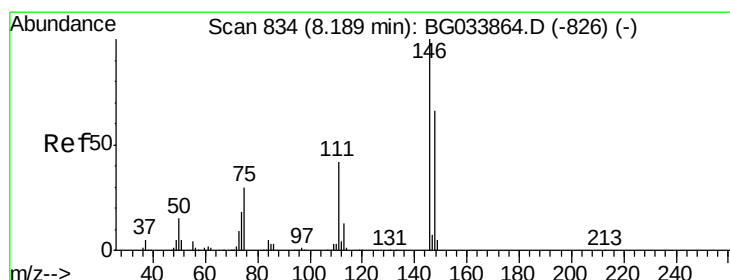
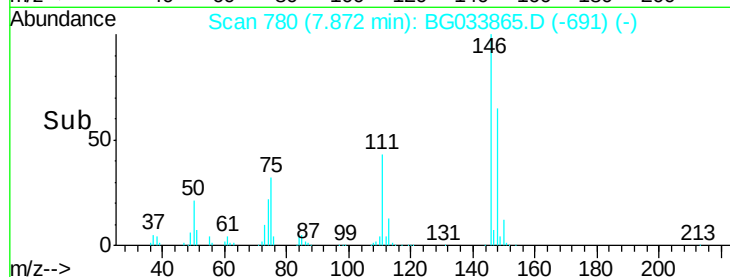
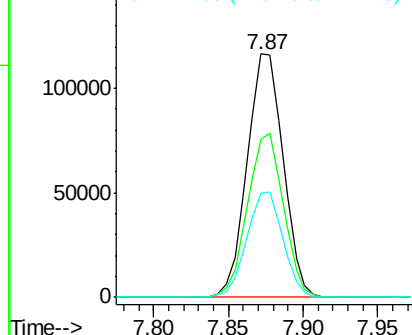
146 100

148 64.6 53.7 80.5

111 42.7 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 50.086 ng

RT: 8.19 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

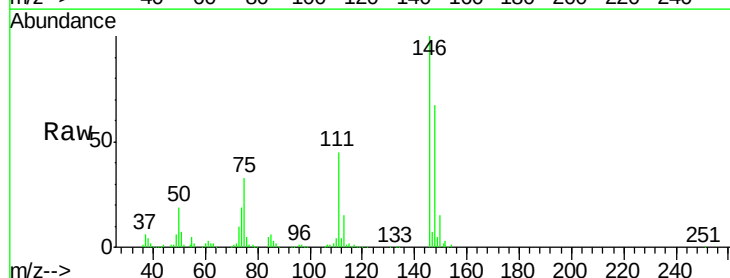
Tgt Ion:146 Resp: 190796

Ion Ratio Lower Upper

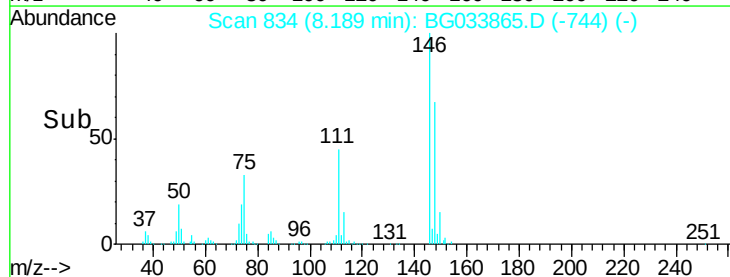
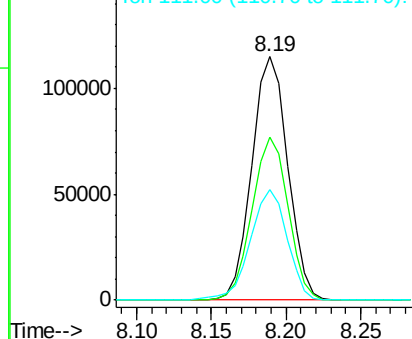
146 100

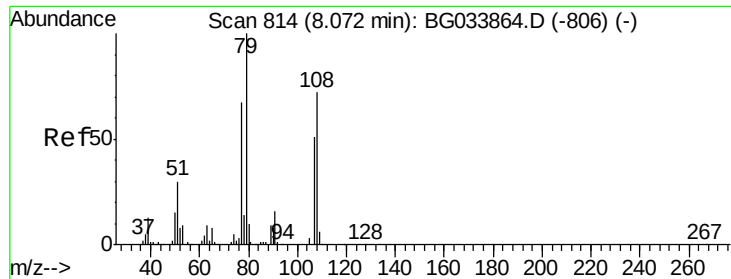
148 67.0 49.3 73.9

111 45.2 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 55.568 ng

RT: 8.07 min Scan# 814

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

Instrument :

BNA_G

ClientSampled :

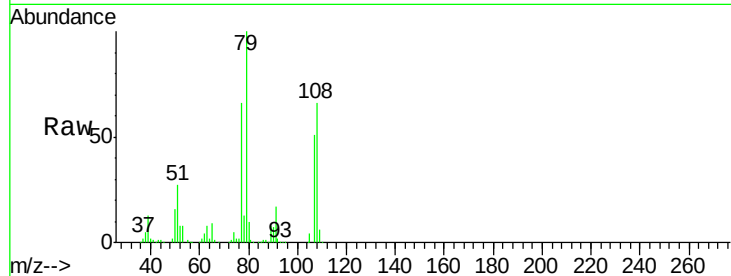
Tot Ion: 79 Resp: 196013

Ion Ratio Lower Upper

79 100

108 66.2 57.2 85.8

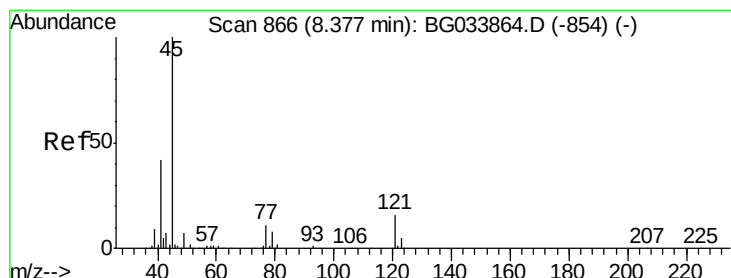
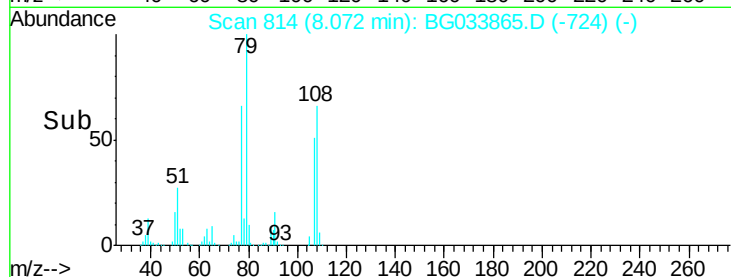
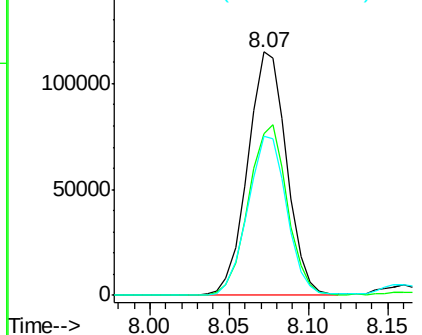
77 65.6 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 57.344 ng

RT: 8.37 min Scan# 865

Delta R.T. -0.01 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

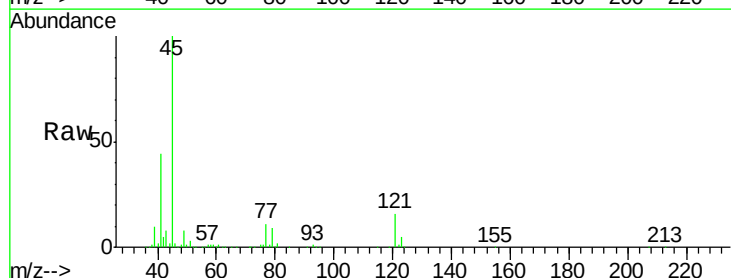
Tgt Ion: 45 Resp: 337520

Ion Ratio Lower Upper

45 100

77 10.7 0.0 30.2

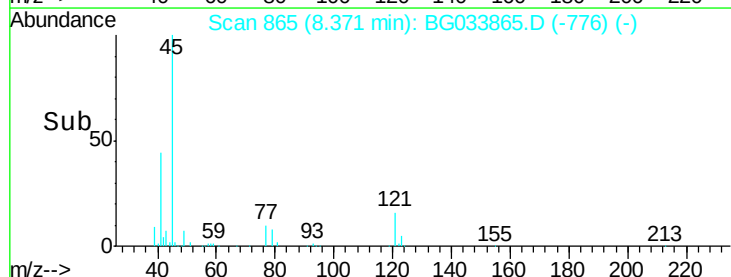
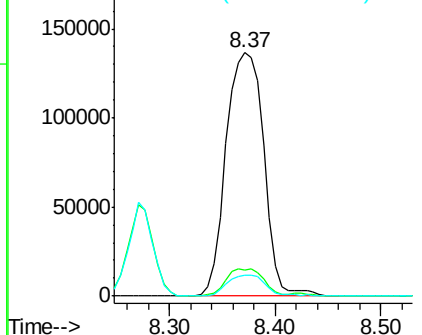
79 8.8 0.0 27.9

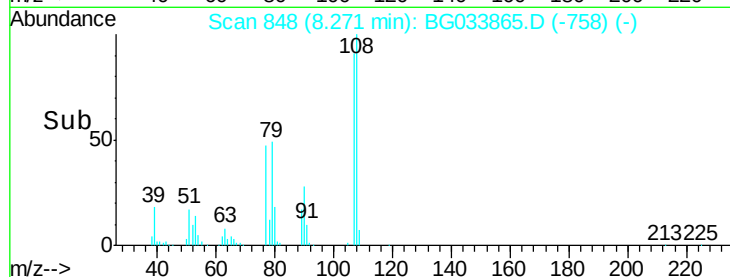
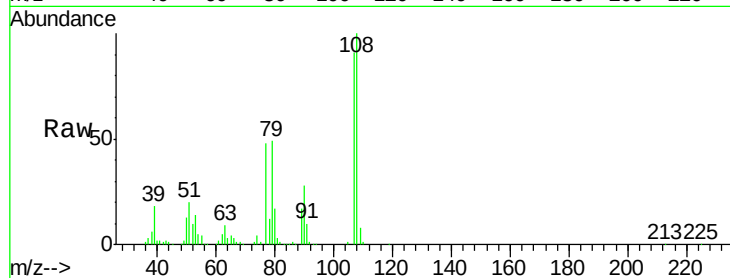
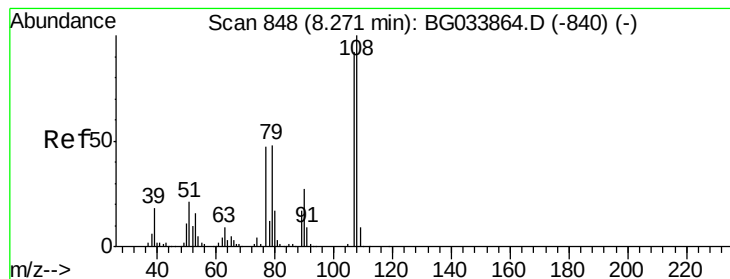


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 56.040 ng

RT: 8.27 min Scan# 848

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 168868

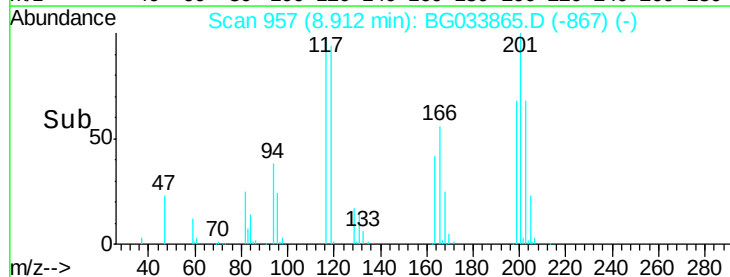
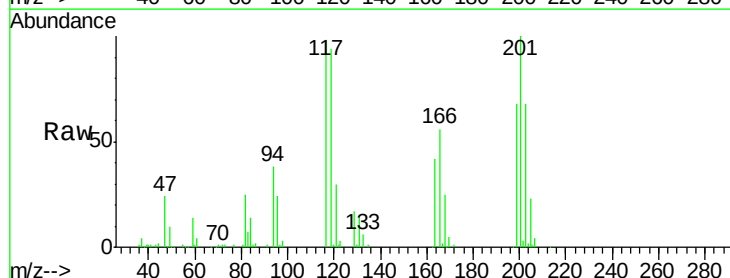
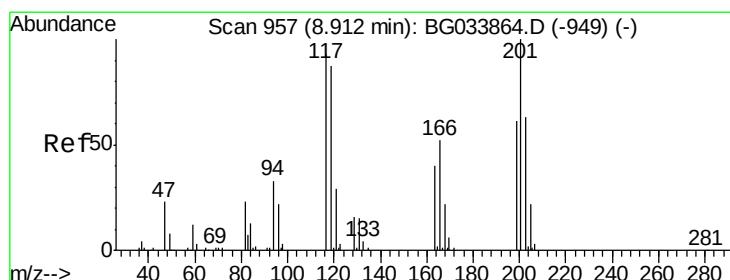
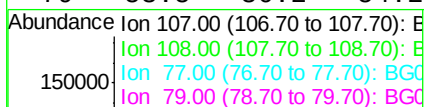
Ion Ratio Lower Upper

107 100

108 109.5 83.9 125.9

77 52.0 37.2 55.8

79 53.5 36.2 54.2



#18

Hexachloroethane

Concen: 47.790 ng

RT: 8.91 min Scan# 957

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

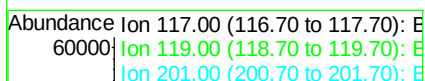
Tgt Ion:117 Resp: 71991

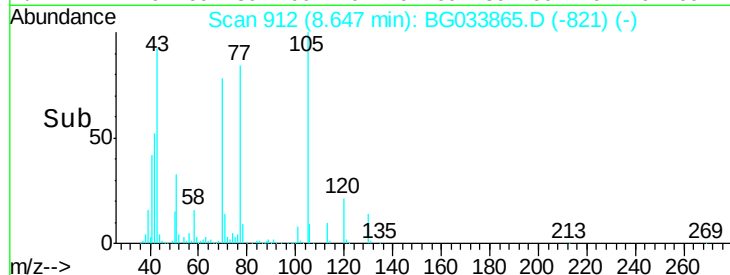
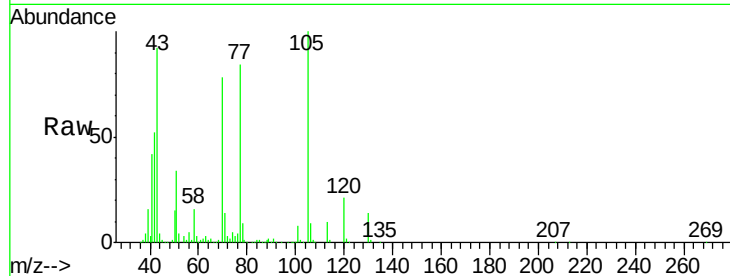
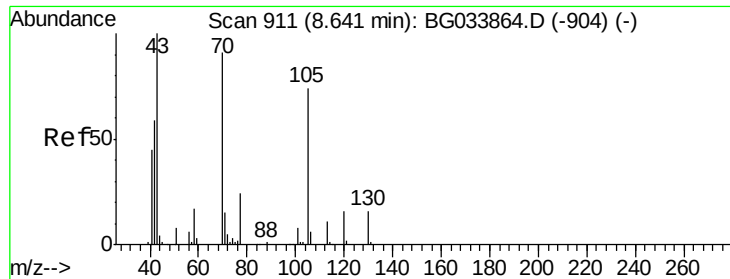
Ion Ratio Lower Upper

117 100

119 96.8 76.7 115.1

201 105.2 95.7 143.5

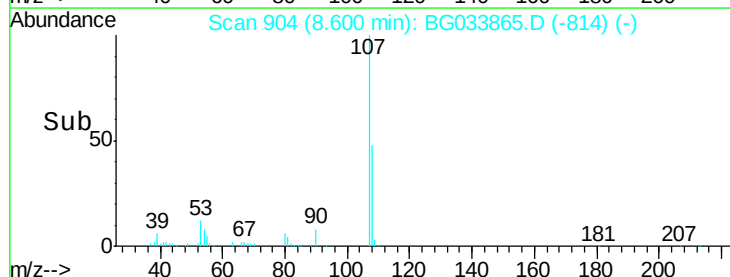
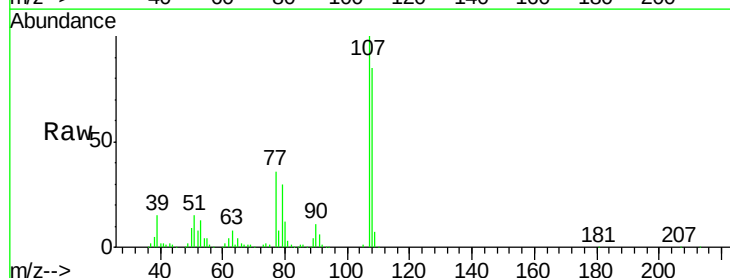
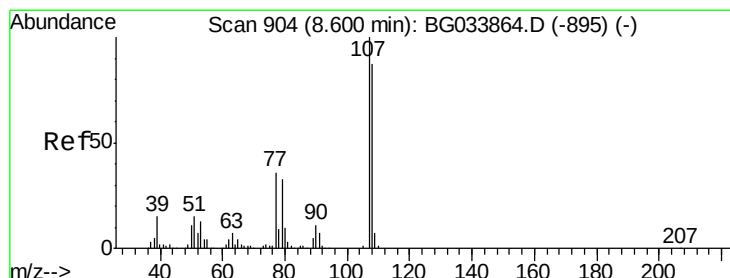
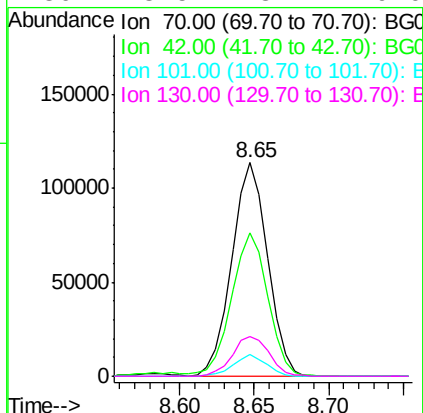




#19
n-Nitroso-di-n-propylamine
Concen: 57.736 ng
RT: 8.65 min Scan# 912
Delta R.T. 0.01 min
Lab File: BG033865.D
Acq: 19 Apr 2018 11:51

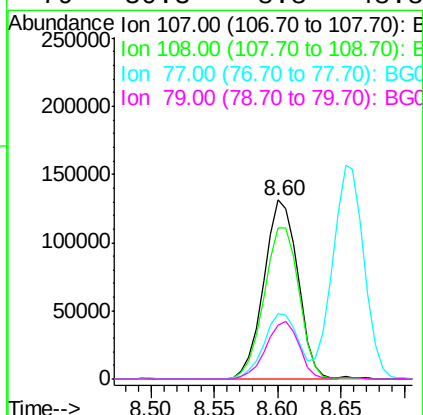
Instrument :
BNA_G
ClientSampleId :

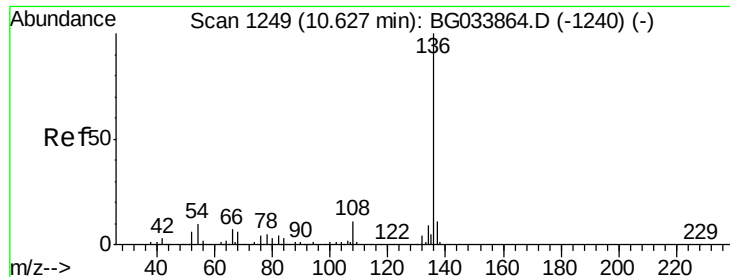
Tot Ion:	70	Resp:	189546
Ion	Ratio	Lower	Upper
70	100		
42	67.1	49.1	73.7
101	10.1	8.5	12.7
130	18.5	13.4	20.0



#20
3+4-Methylphenols
Concen: 57.232 ng
RT: 8.60 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG033865.D
Acq: 19 Apr 2018 11:51

Tgt Ion:	107	Resp:	245551
Ion	Ratio	Lower	Upper
107	100		
108	84.6	61.6	101.6
77	36.2	13.9	53.9
79	30.3	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.63 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 243820

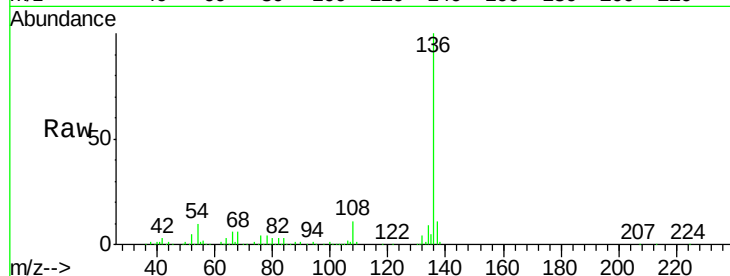
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 9.5 10.3 15.5#

68 6.2 4.5 6.7

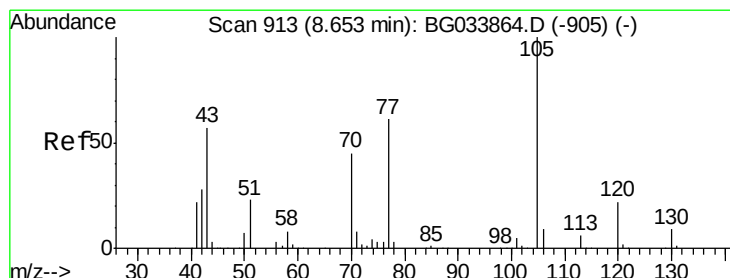
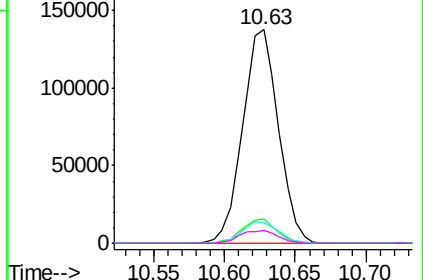
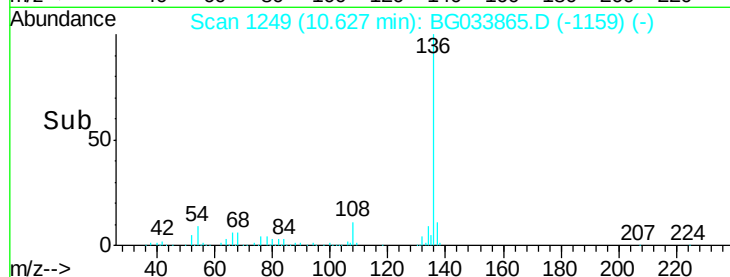


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 49.354 ng

RT: 8.65 min Scan# 913

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

Tgt Ion:105 Resp: 329676

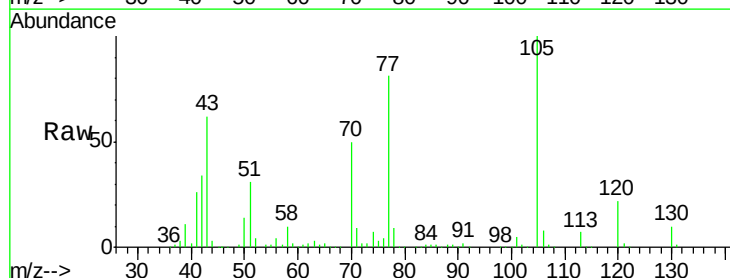
Ion Ratio Lower Upper

105 100

71 9.2 3.0 4.4#

51 31.4 26.1 39.1

120 21.7 17.4 26.2

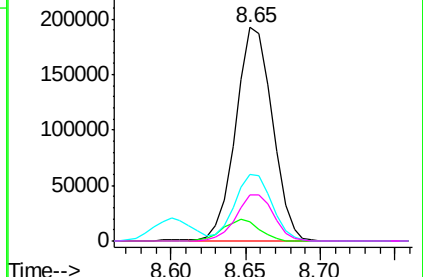
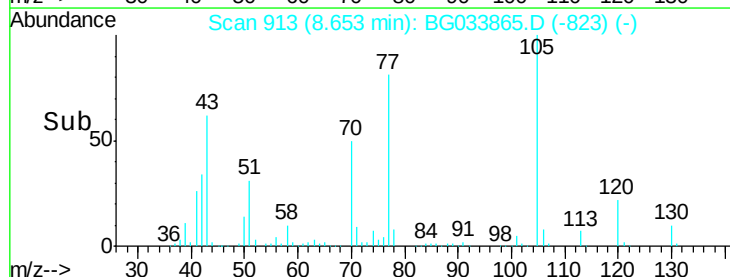


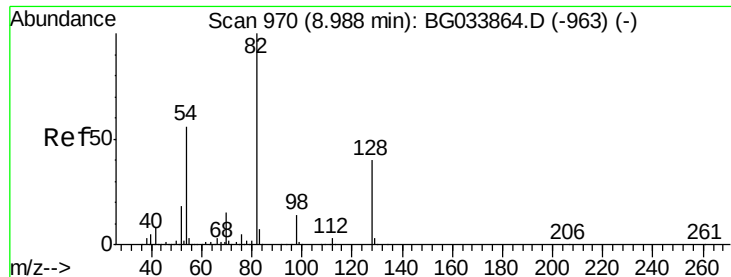
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.246 ng

RT: 8.99 min Scan# 971

Delta R.T. 0.01 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

Instrument :

BNA_G

ClientSampleId :

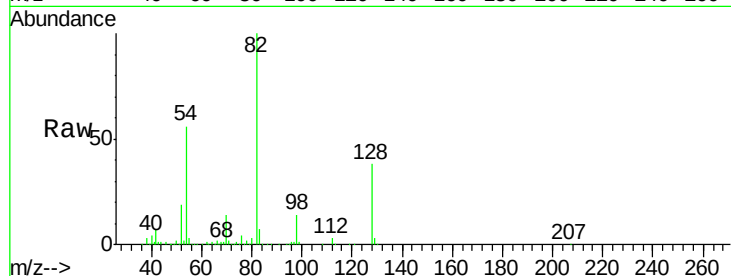
Tot Ion: 82 Resp: 436472

Ion Ratio Lower Upper

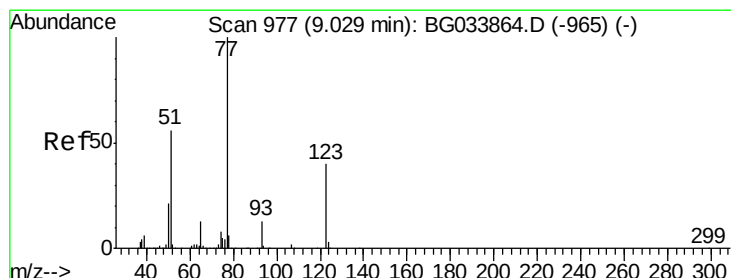
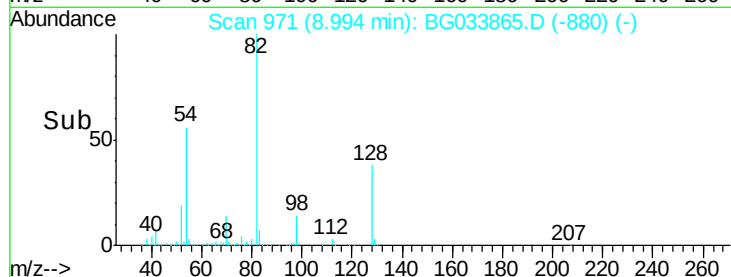
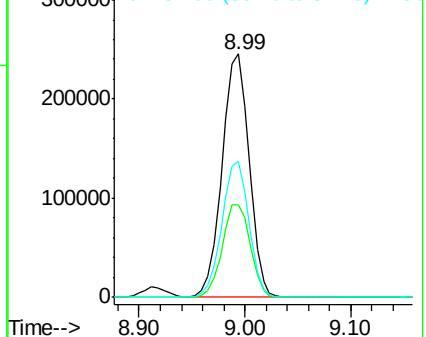
82 100

128 37.8 29.7 44.5

54 55.9 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 41.365 ng

RT: 9.04 min Scan# 978

Delta R.T. 0.01 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

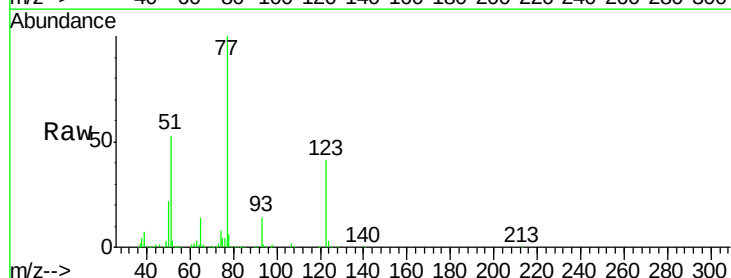
Tgt Ion: 77 Resp: 234967

Ion Ratio Lower Upper

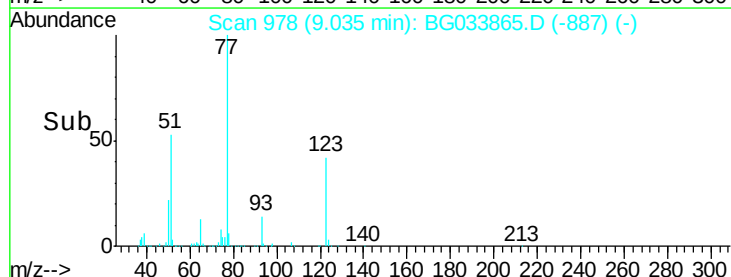
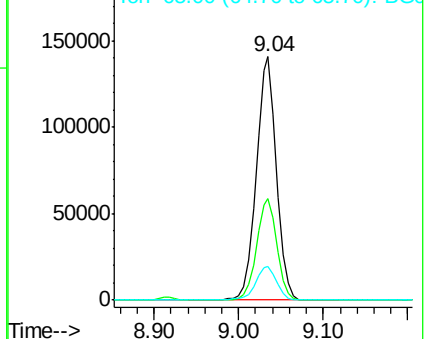
77 100

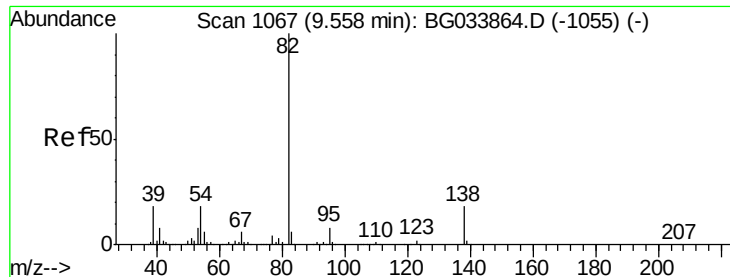
123 41.5 33.0 49.6

65 13.6 13.0 19.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

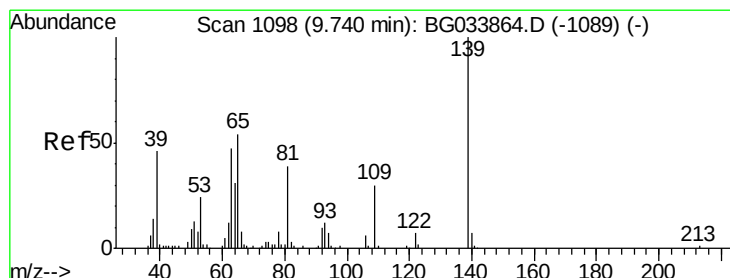
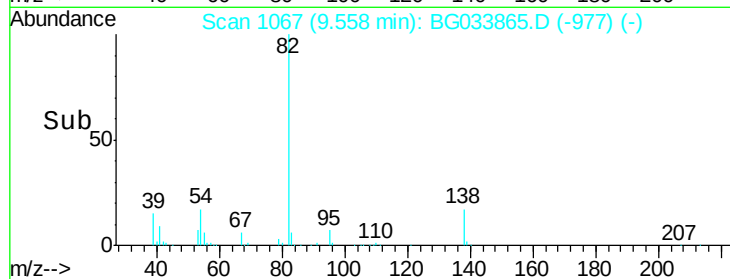
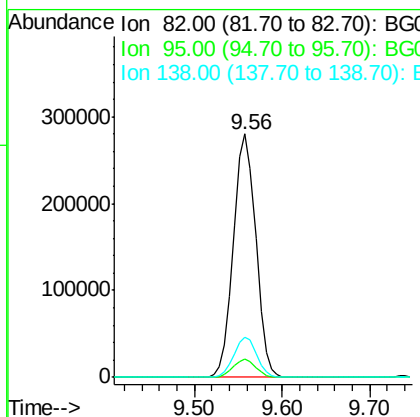
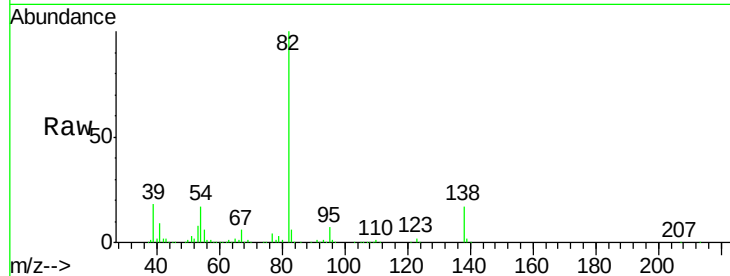




#25
Isophorone
Concen: 47.165 ng
RT: 9.56 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BG033865.D
Acq: 19 Apr 2018 11:51

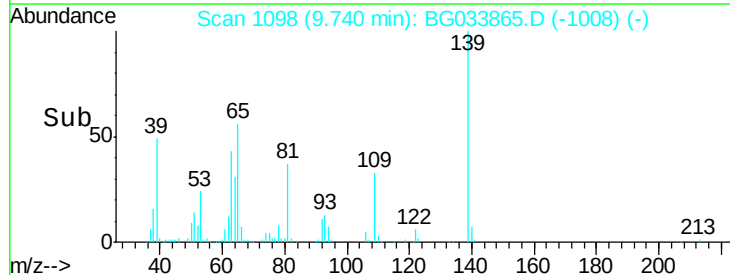
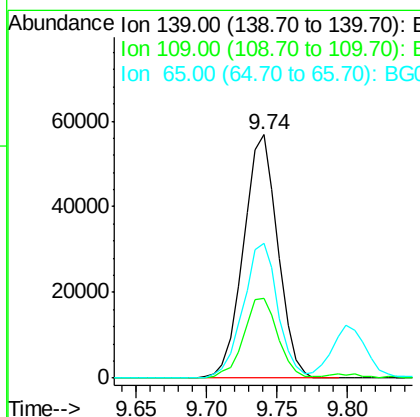
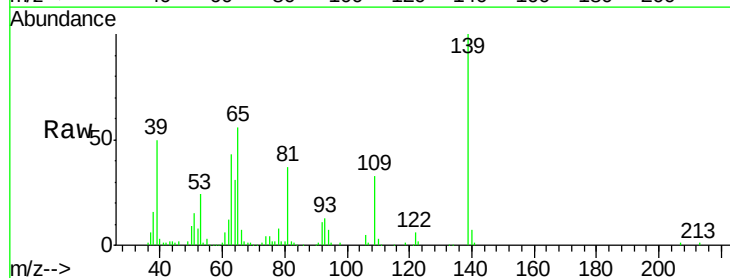
Instrument :
BNA_G
ClientSampleId :

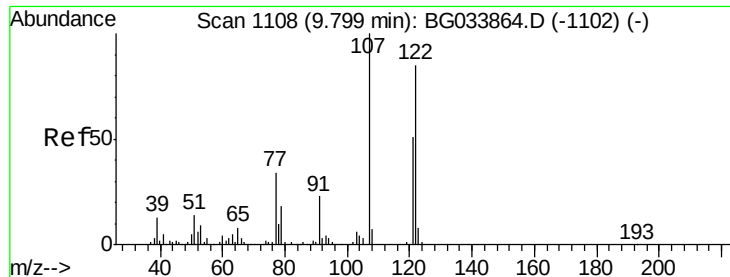
Tot Ion: 82 Resp: 485798
Ion Ratio Lower Upper
82 100
95 7.4 6.2 9.2
138 16.7 12.1 18.1



#26
2-Nitrophenol
Concen: 44.927 ng
RT: 9.74 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BG033865.D
Acq: 19 Apr 2018 11:51

Tgt Ion: 139 Resp: 96618
Ion Ratio Lower Upper
139 100
109 32.9 24.2 36.2
65 55.5 47.4 71.0

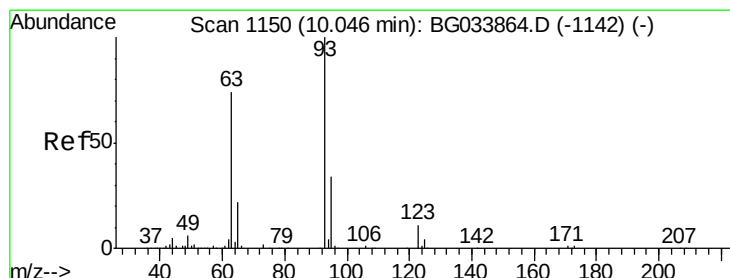
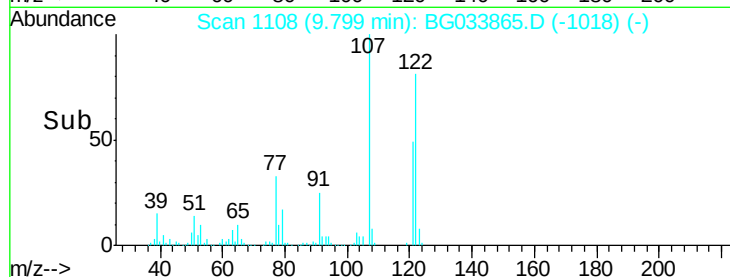
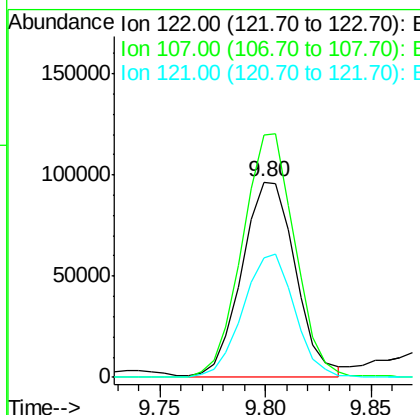
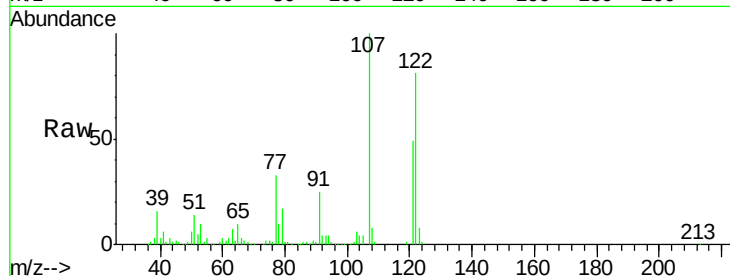




#27
 2,4-Dimethylphenol
 Concen: 54.185 ng
 RT: 9.80 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: BG033865.D
 Acq: 19 Apr 2018 11:51

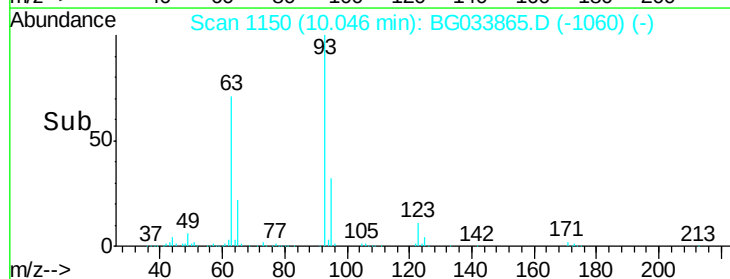
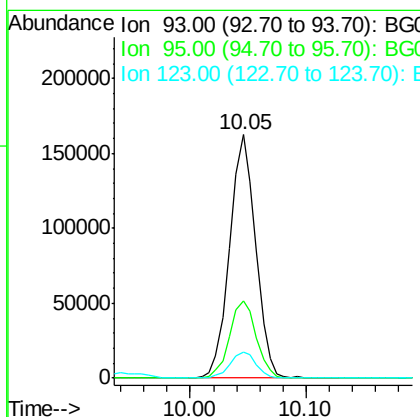
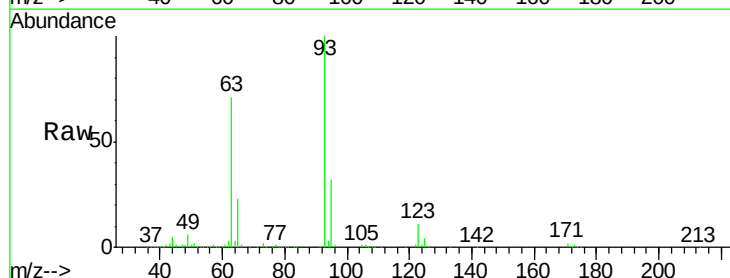
Instrument :
 BNA_G
 ClientSampleId :

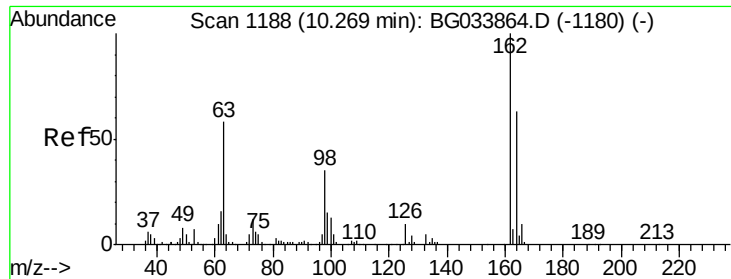
Tot Ion:122 Resp: 169279
 Ion Ratio Lower Upper
 122 100
 107 123.8 100.2 150.2
 121 61.0 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.334 ng
 RT: 10.05 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BG033865.D
 Acq: 19 Apr 2018 11:51

Tgt Ion: 93 Resp: 253531
 Ion Ratio Lower Upper
 93 100
 95 31.8 24.3 36.5
 123 10.8 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 50.091 ng

RT: 10.27 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

Instrument :

BNA_G

ClientSampleId :

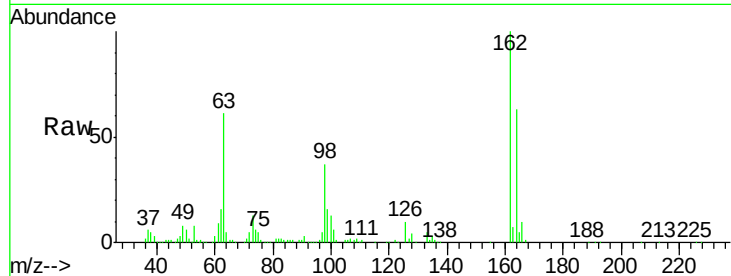
Tot Ion:162 Resp: 192450

Ion Ratio Lower Upper

162 100

164 63.5 48.0 88.0

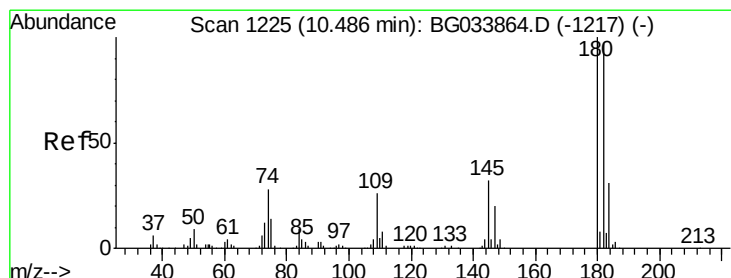
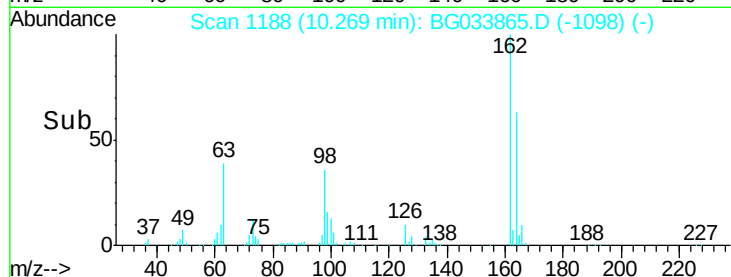
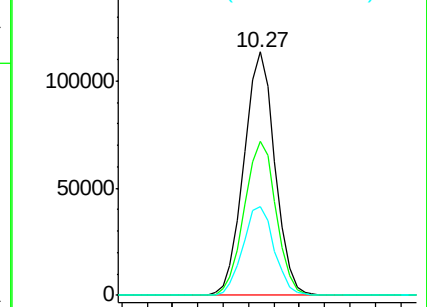
98 36.7 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 43.002 ng

RT: 10.49 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

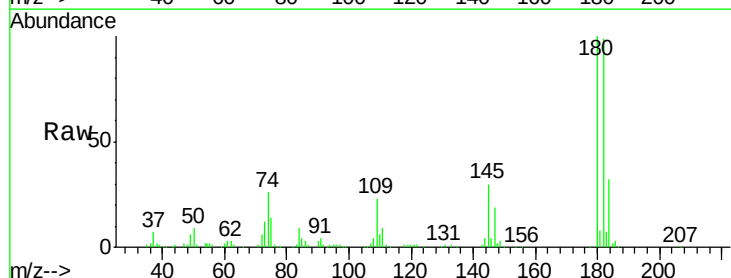
Tgt Ion:180 Resp: 214651

Ion Ratio Lower Upper

180 100

182 98.8 77.5 116.3

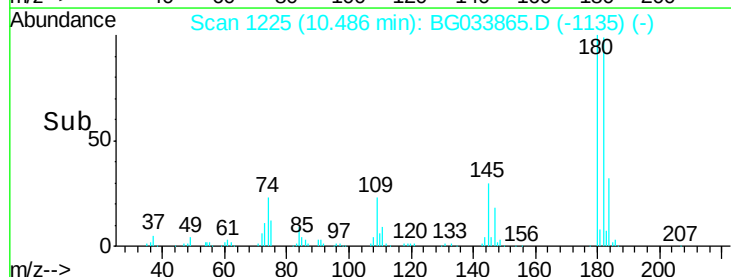
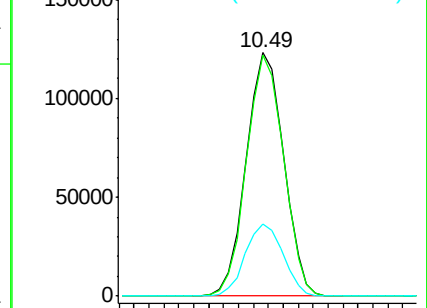
145 29.7 23.4 35.2

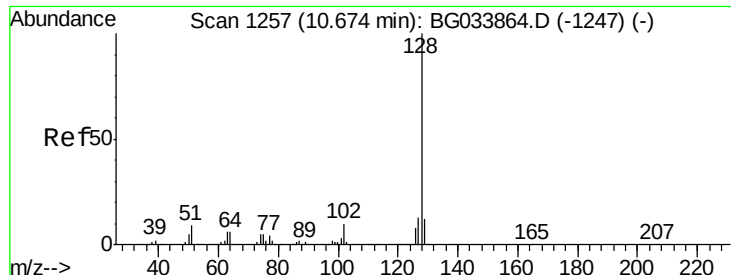


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

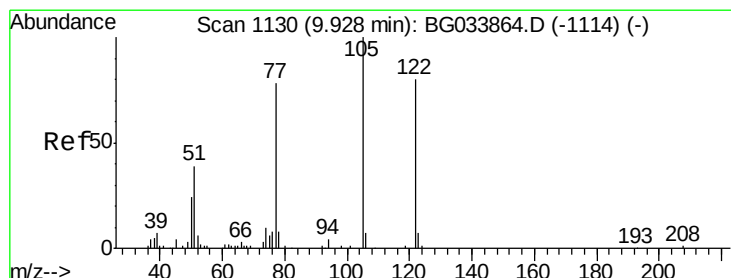
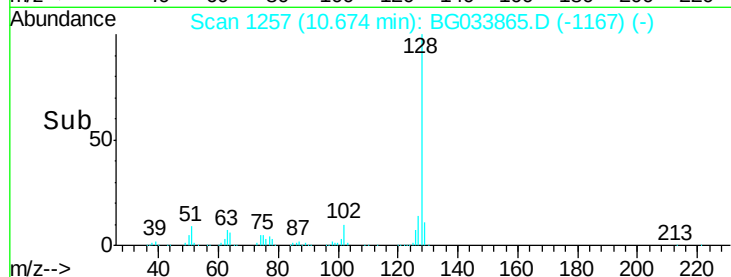
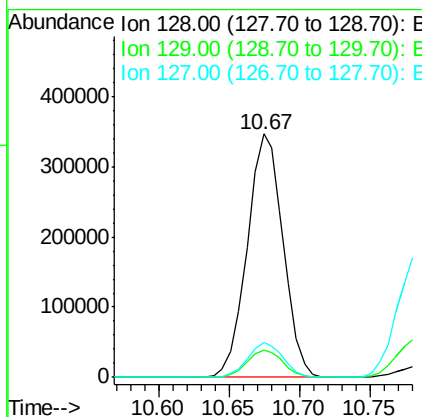
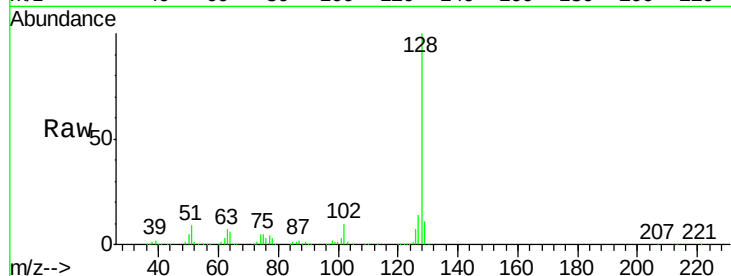




#31
Naphthalene
Concen: 48.734 ng
RT: 10.67 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BG033865.D
Acq: 19 Apr 2018 11:51

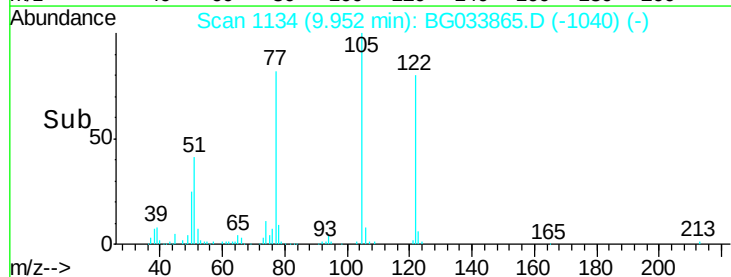
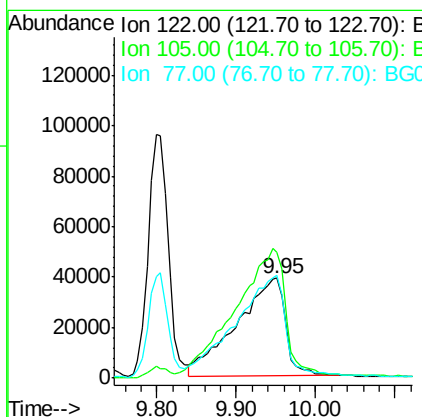
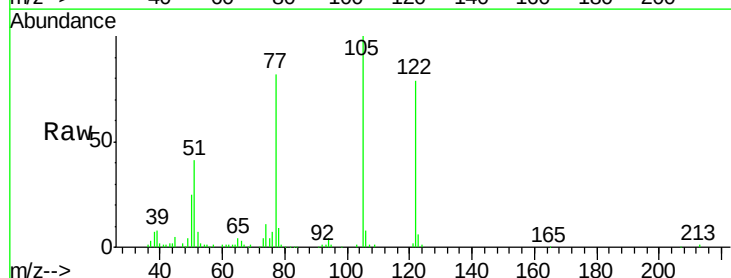
Instrument :
BNA_G
ClientSampleId :

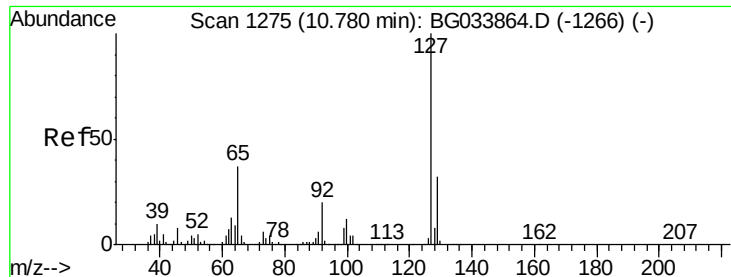
Tot Ion:128 Resp: 615751
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 14.4 11.6 17.4



#32
Benzoic acid
Concen: 57.689 ng
RT: 9.95 min Scan# 1134
Delta R.T. 0.02 min
Lab File: BG033865.D
Acq: 19 Apr 2018 11:51

Tgt Ion:122 Resp: 167539
Ion Ratio Lower Upper
122 100
105 126.1 123.5 163.5
77 103.3 85.7 125.7

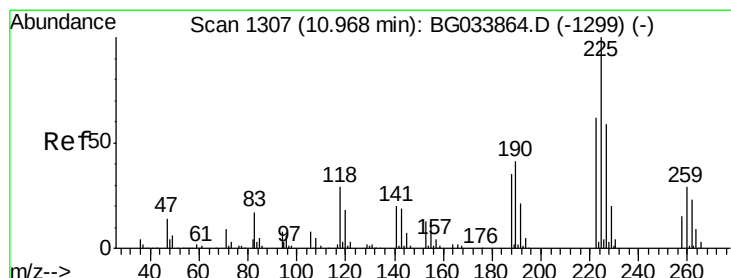
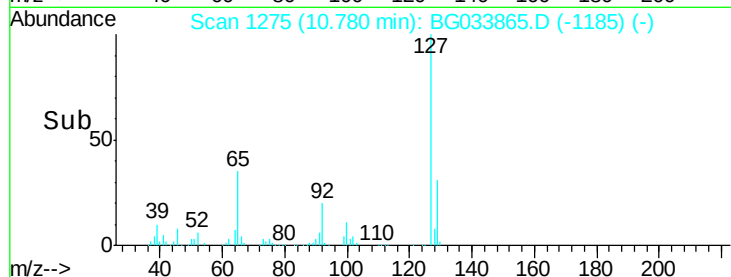
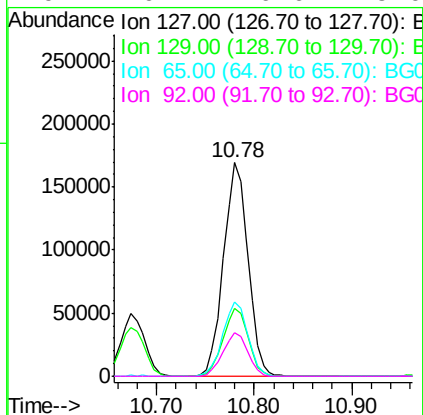
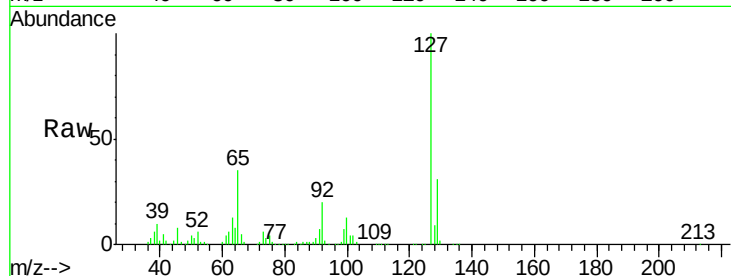




#33
4-Chloroaniline
Concen: 52.045 ng
RT: 10.78 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BG033865.D
Acq: 19 Apr 2018 11:51

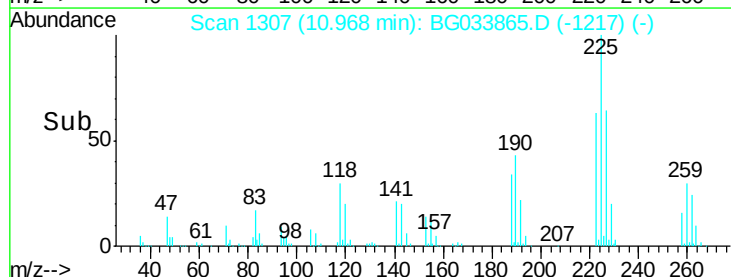
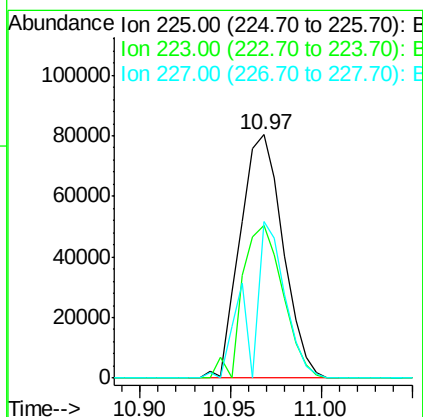
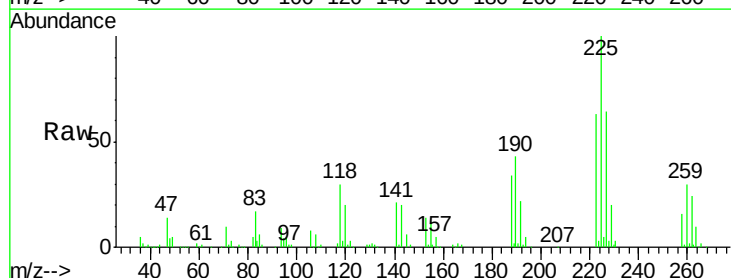
Instrument :
BNA_G
ClientSampled :

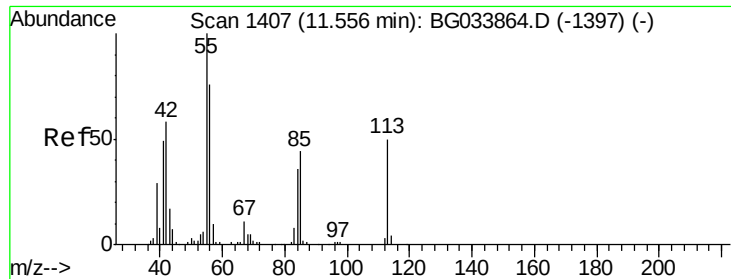
Tot Ion:	127	Resp:	294611
Ion	Ratio	Lower	Upper
127	100		
129	31.5	24.0	36.0
65	34.7	27.0	40.4
92	20.4	16.6	25.0



#34
Hexachlorobutadiene
Concen: 34.907 ng
RT: 10.97 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG033865.D
Acq: 19 Apr 2018 11:51

Tgt Ion:	225	Resp:	131769
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.7	74.5
227	64.1	48.1	72.1





#35

Caprolactam

Concen: 54.778 ng

RT: 11.57 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

Instrument :

BNA_G

ClientSampled :

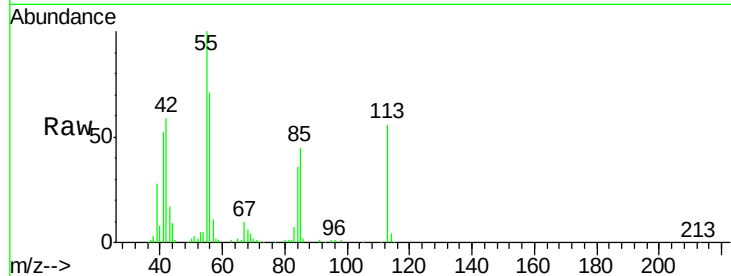
Tot Ion:113 Resp: 82450

Ion Ratio Lower Upper

113 100

55 178.0 186.9 226.9#

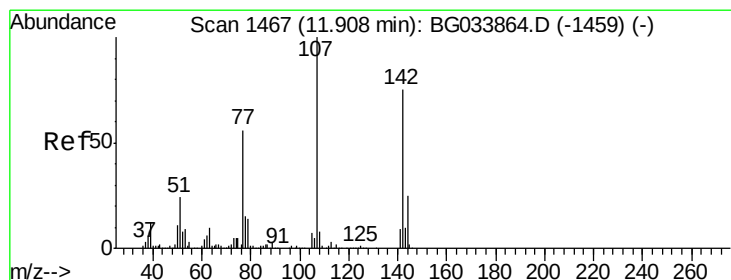
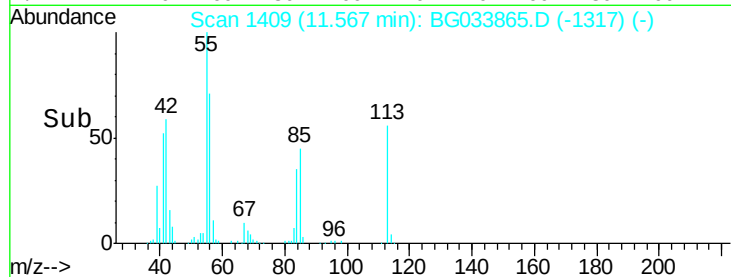
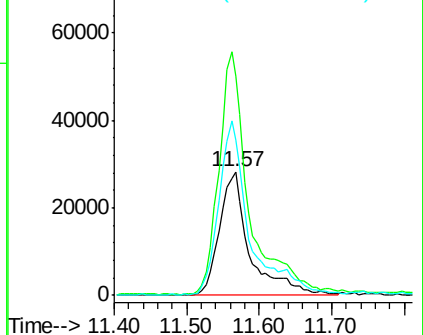
56 126.2 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.461 ng

RT: 11.91 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

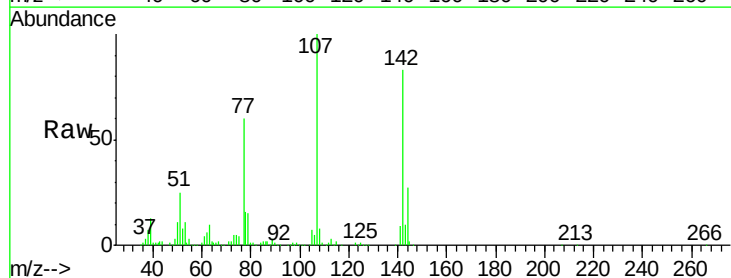
Tgt Ion:107 Resp: 232816

Ion Ratio Lower Upper

107 100

144 27.0 18.2 27.4

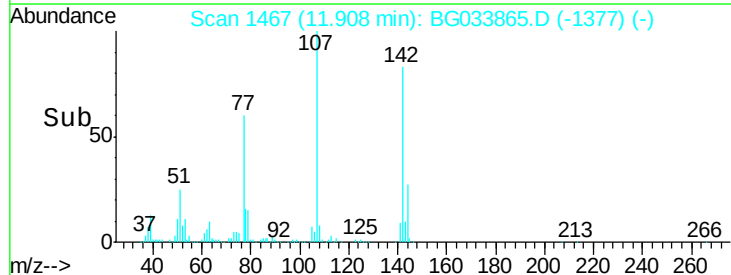
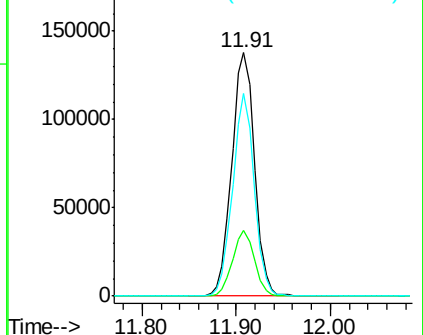
142 83.3 59.0 88.4

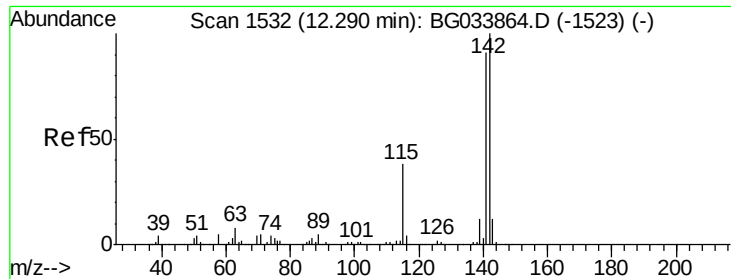


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

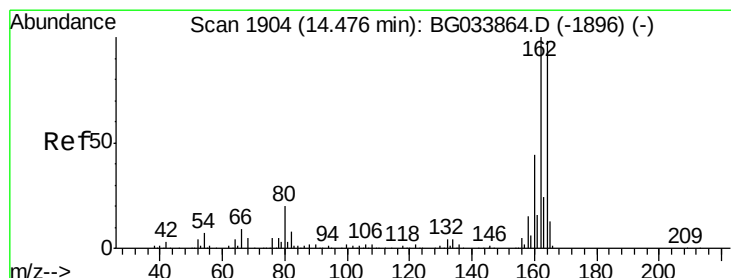
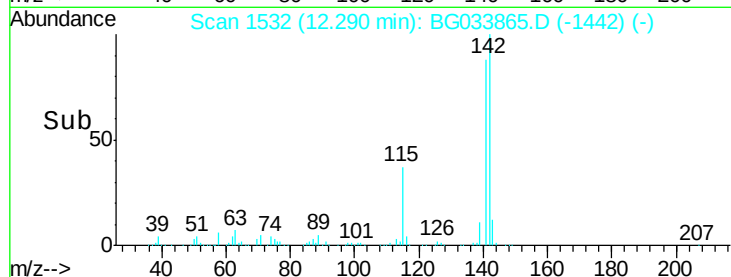
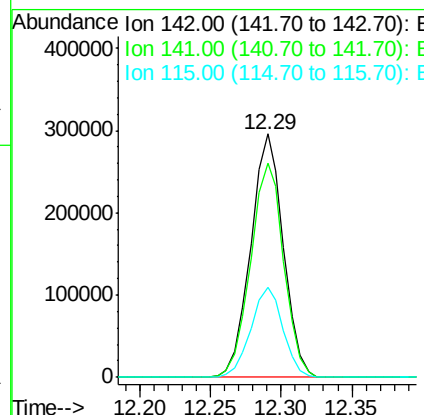
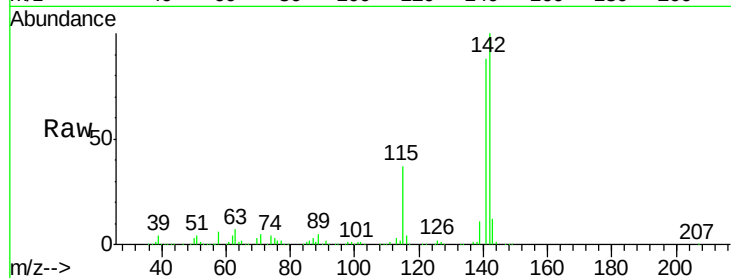




#37
2-Methylnaphthalene
Concen: 48.827 ng
RT: 12.29 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BG033865.D
Acq: 19 Apr 2018 11:51

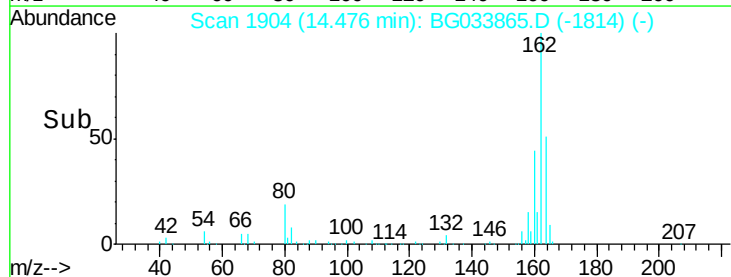
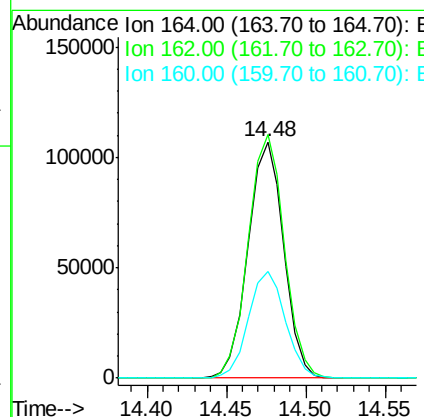
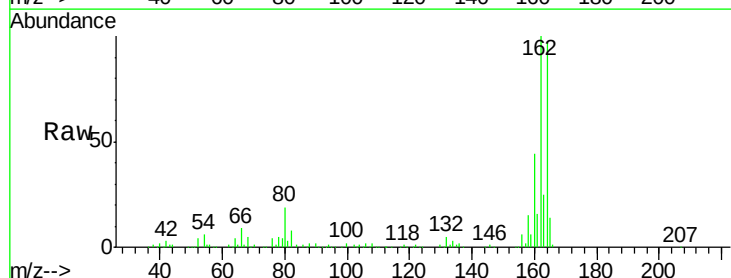
Instrument :
BNA_G
ClientSampleId :

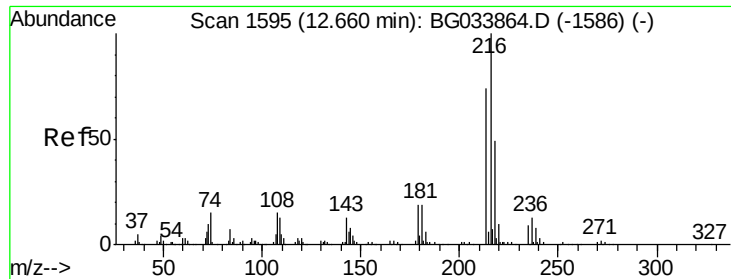
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	67.1	100.7
115	36.9	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.48 min Scan# 1904
Delta R.T. 0.00 min
Lab File: BG033865.D
Acq: 19 Apr 2018 11:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	78.8	118.2
160	45.2	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.113 ng

RT: 12.66 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 278353

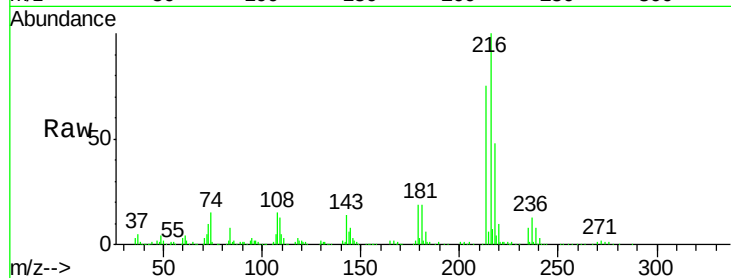
Ion Ratio Lower Upper

216 100

214 76.1 63.0 94.4

179 19.6 17.0 25.6

108 16.5 12.8 19.2

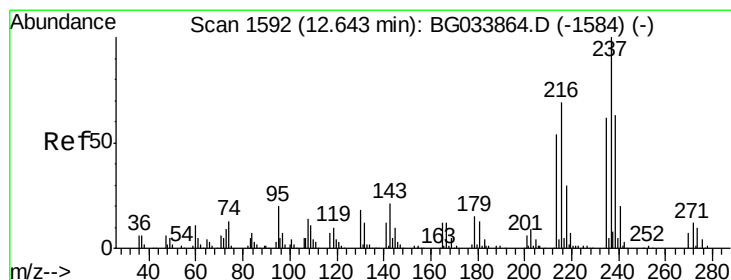
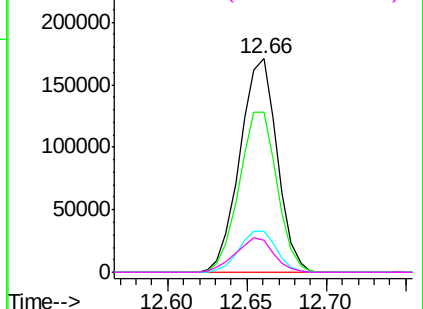
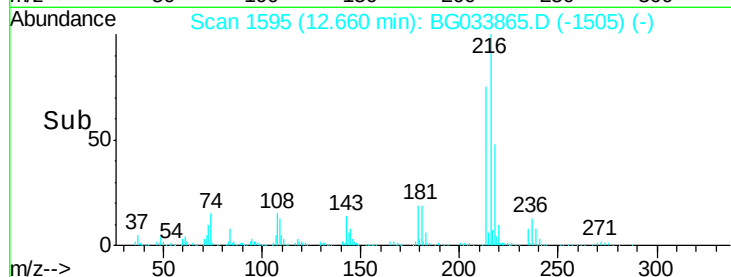


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 44.631 ng

RT: 12.64 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

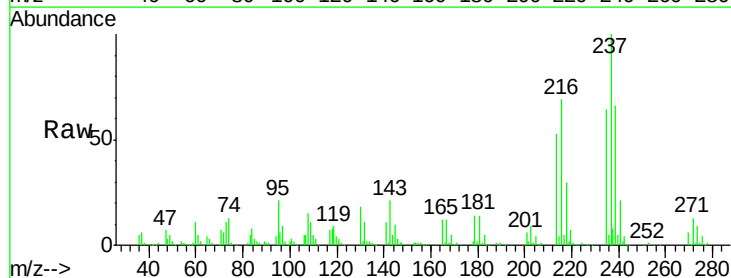
Tgt Ion:237 Resp: 157934

Ion Ratio Lower Upper

237 100

235 64.0 50.4 90.4

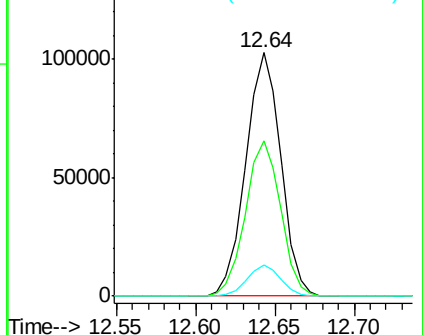
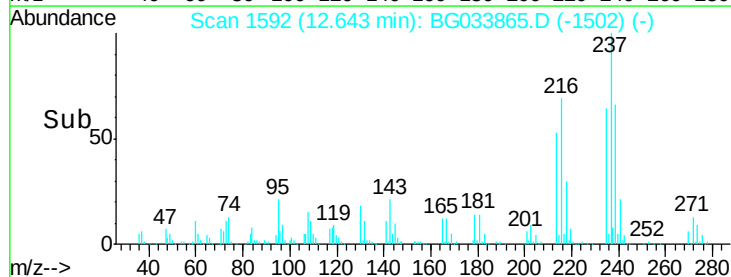
272 13.0 0.0 31.8

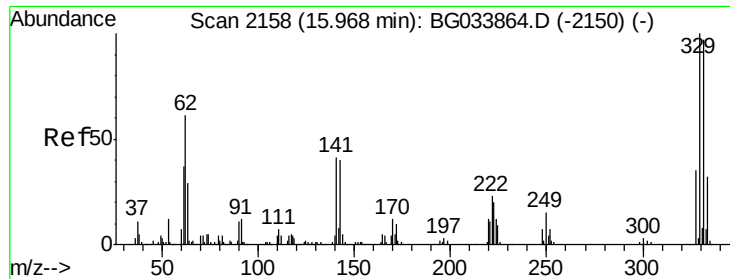


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 82.500 ng

RT: 15.97 min Scan# 2158

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

Instrument :

BNA_G

ClientSampleId :

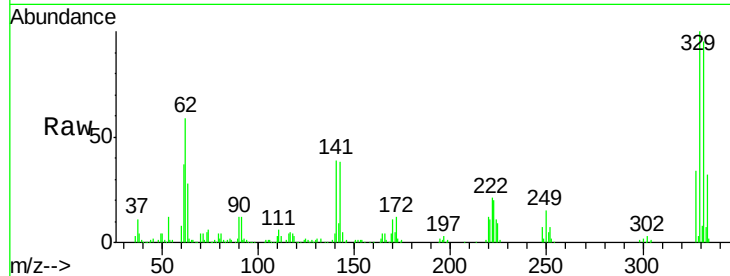
Tot Ion:330 Resp: 205623

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

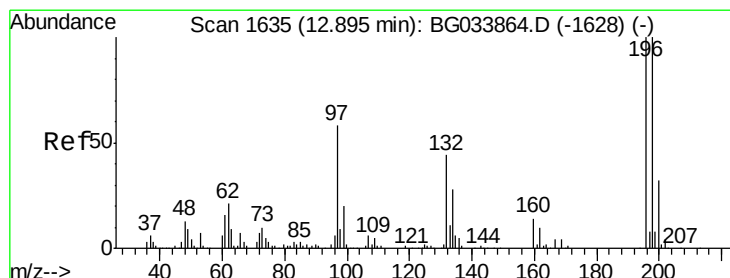
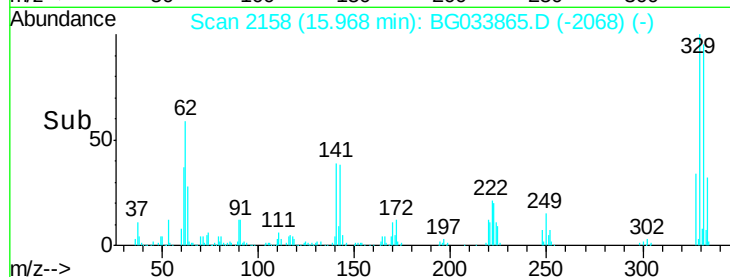
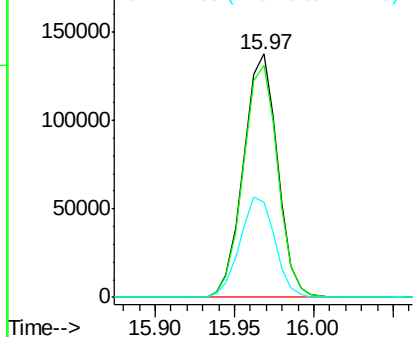
141 42.4 25.2 37.8#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 48.895 ng

RT: 12.90 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

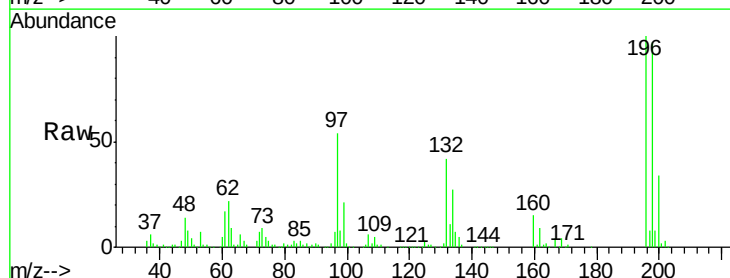
Tgt Ion:196 Resp: 171483

Ion Ratio Lower Upper

196 100

198 105.3 78.2 117.2

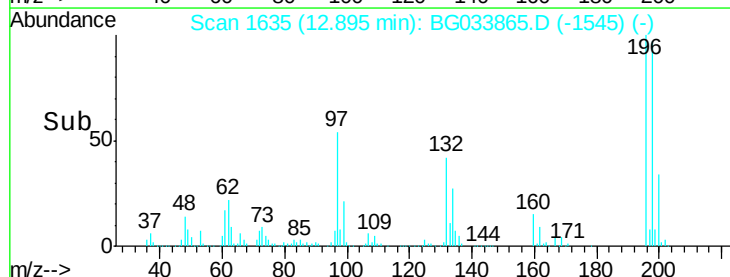
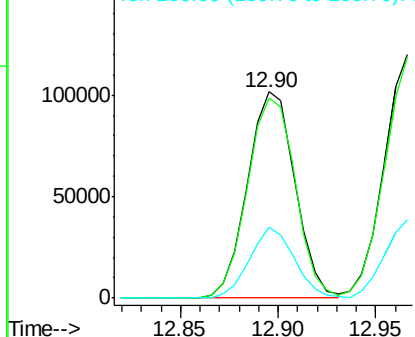
200 34.3 24.6 36.8

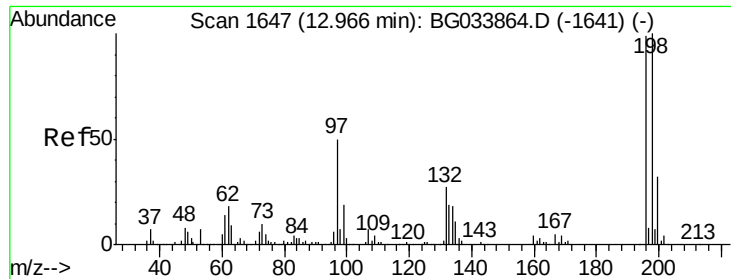


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

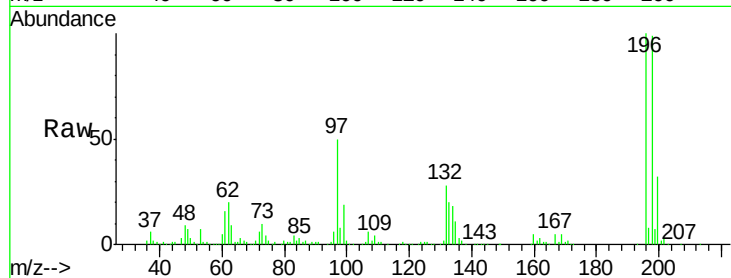




#43
 2,4,5-Trichlorophenol
 Concen: 47.643 ng
 RT: 12.97 min Scan# 1647
 Delta R.T. 0.00 min
 Lab File: BG033865.D
 Acq: 19 Apr 2018 11:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	197500
Ion Ratio	Lower	Upper	
196	100		
198	99.2	76.2	114.4
97	50.0	38.7	58.1
132	27.8	20.2	30.2



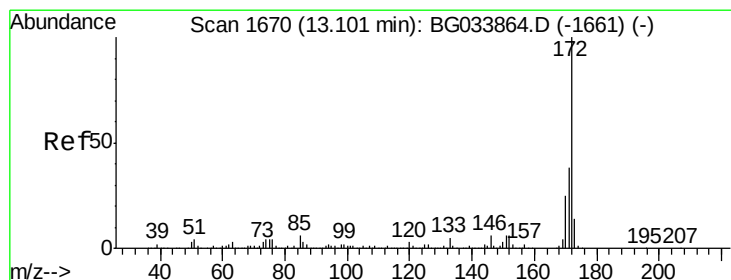
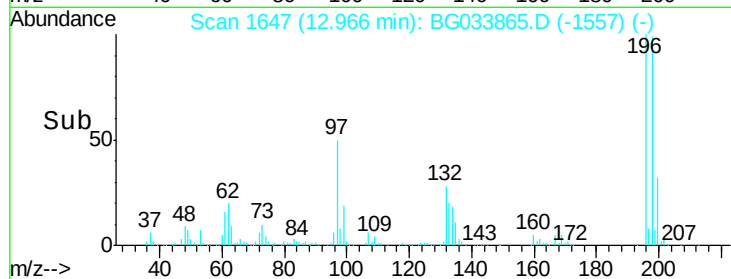
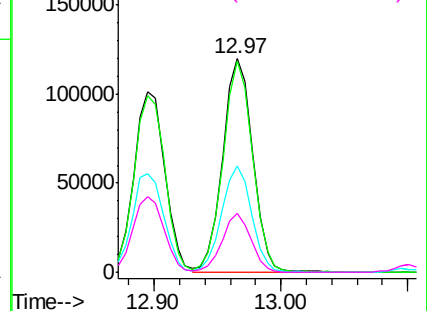
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

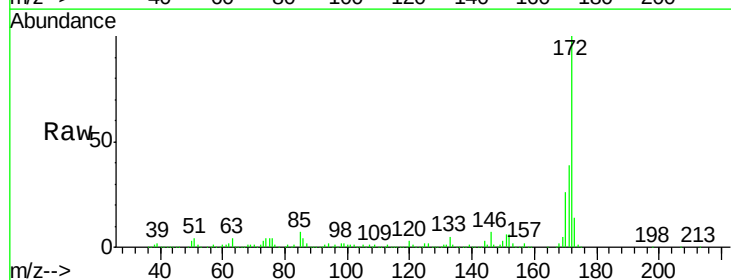
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 97.419 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BG033865.D
 Acq: 19 Apr 2018 11:51

Tgt Ion	172	Resp	1124561
Ion Ratio	Lower	Upper	
172	100		
171	39.1	30.0	45.0
170	25.9	19.5	29.3

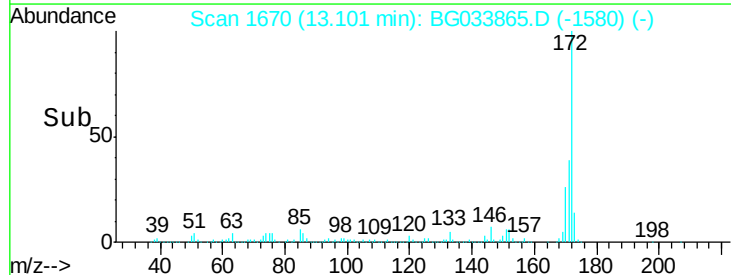
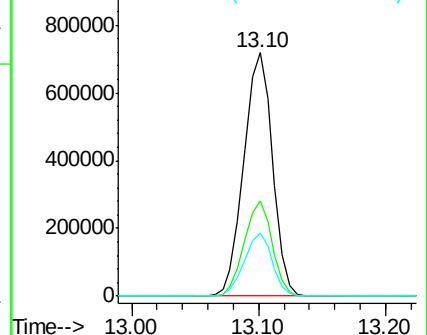


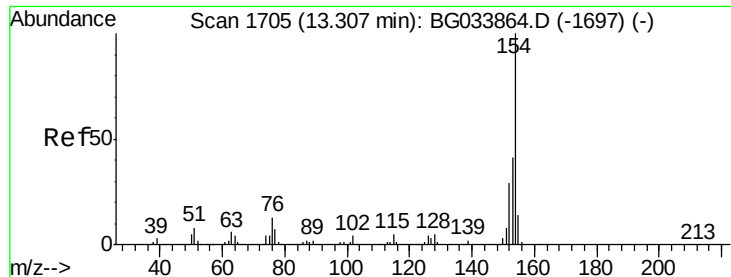
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 52.833 ng

RT: 13.31 min Scan# 1705

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

Instrument :

BNA_G

ClientSampleId :

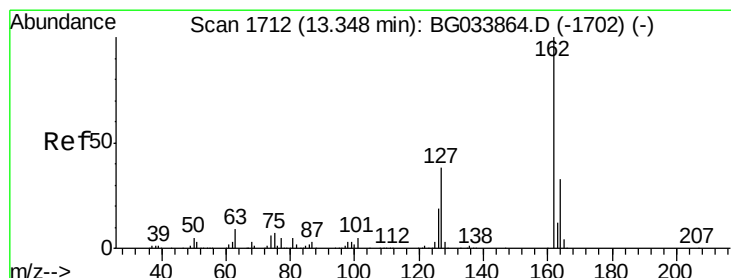
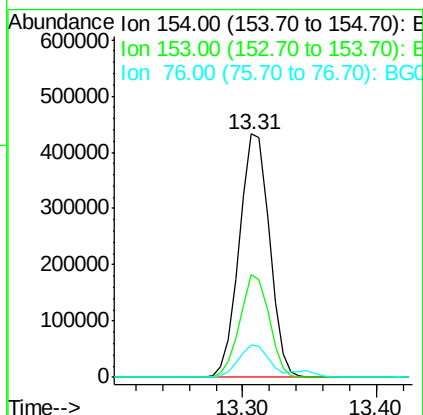
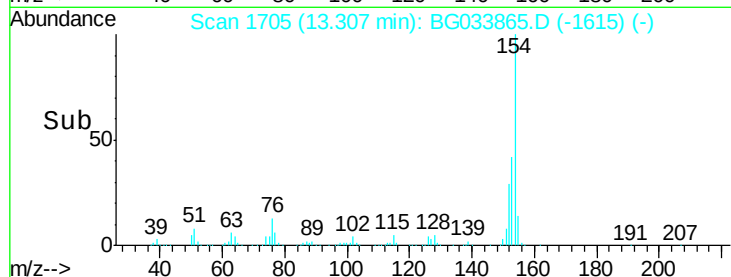
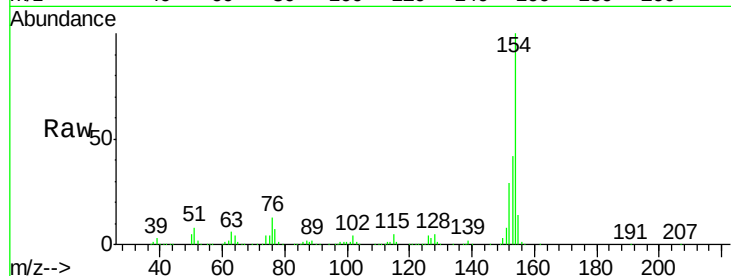
Tot Ion:154 Resp: 676423

Ion Ratio Lower Upper

154 100

153 42.4 19.8 59.8

76 13.5 0.0 31.9



#46

2-Chloronaphthalene

Concen: 51.934 ng

RT: 13.35 min Scan# 1712

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

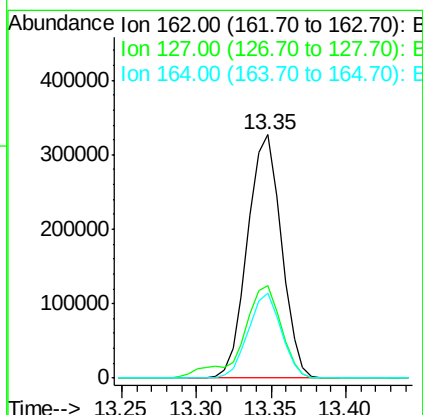
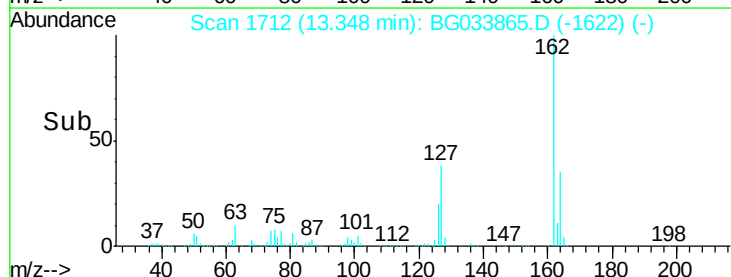
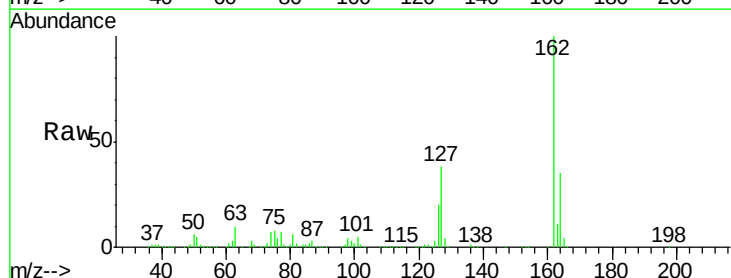
Tgt Ion:162 Resp: 512685

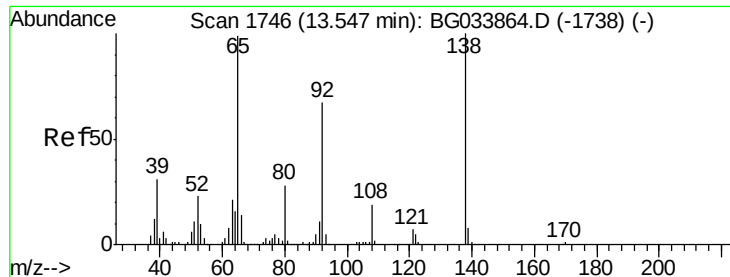
Ion Ratio Lower Upper

162 100

127 37.9 30.7 46.1

164 35.0 26.0 39.0





#47

2-Nitroaniline

Concen: 45.077 ng

RT: 13.55 min Scan# 1746

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

Instrument :

BNA_G

ClientSampled :

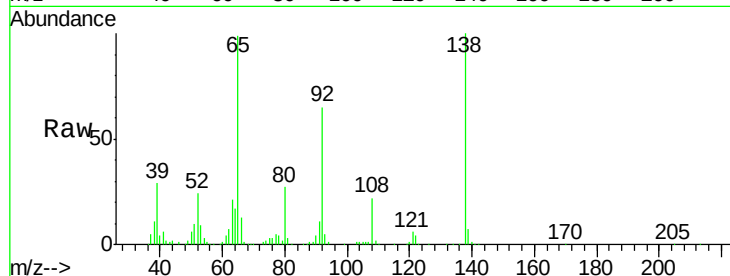
Tot Ion: 65 Resp: 166672

Ion Ratio Lower Upper

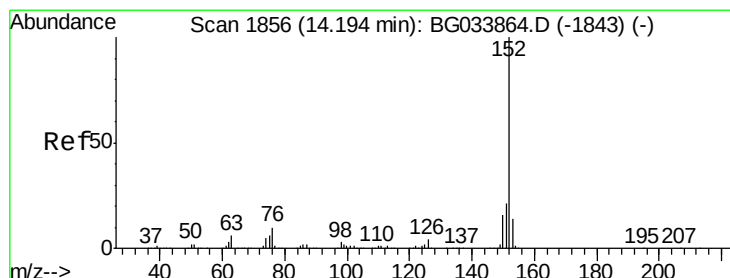
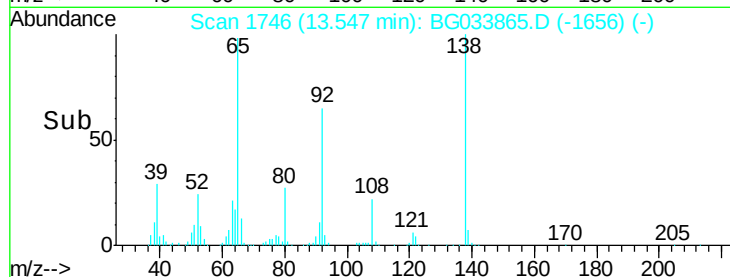
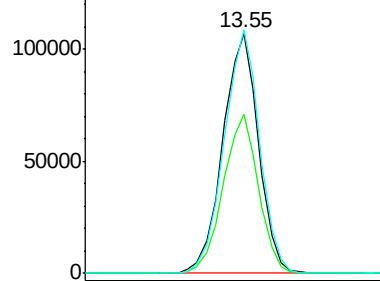
65 100

92 66.4 54.6 82.0

138 101.5 72.9 109.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 51.757 ng

RT: 14.19 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

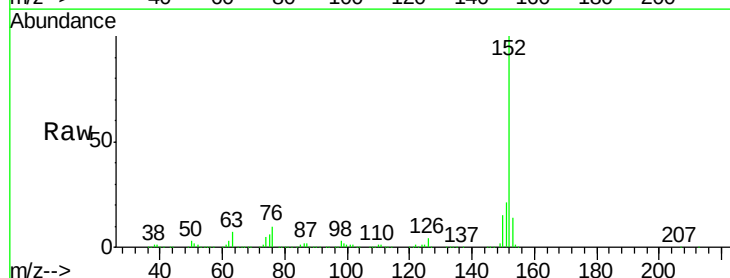
Tgt Ion: 152 Resp: 852838

Ion Ratio Lower Upper

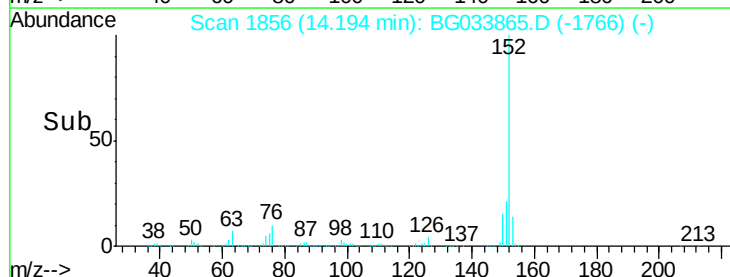
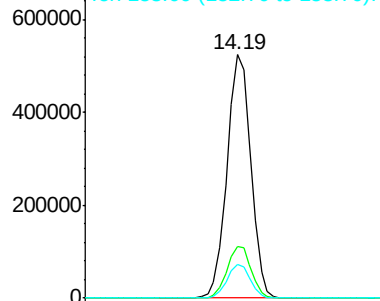
152 100

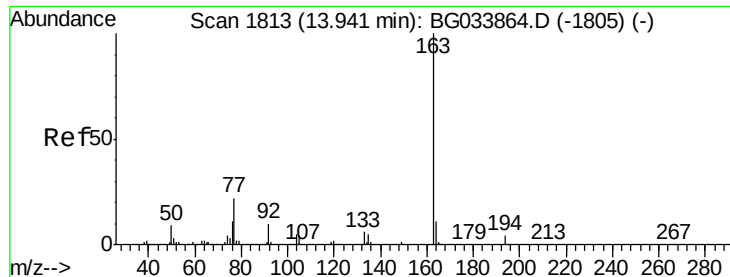
151 21.4 17.2 25.8

153 13.9 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 49.746 ng

RT: 13.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

Instrument :

BNA_G

ClientSampleId :

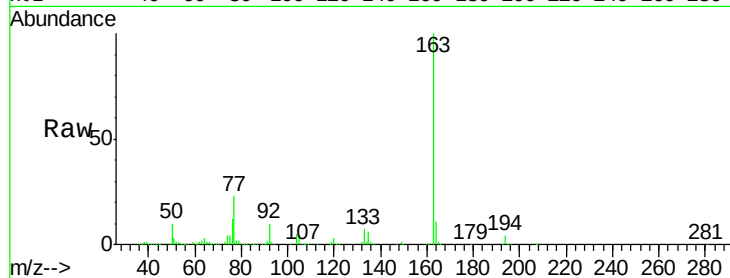
Tot Ion:163 Resp: 721450

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 10.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

600000

500000

400000

300000

200000

100000

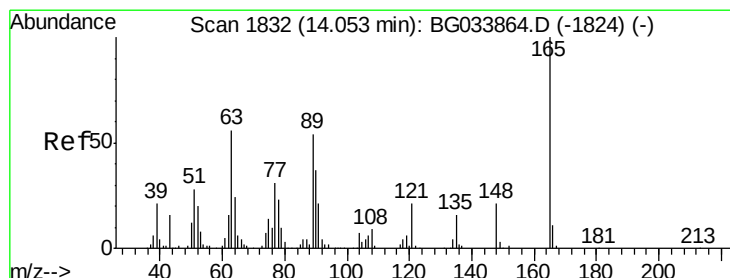
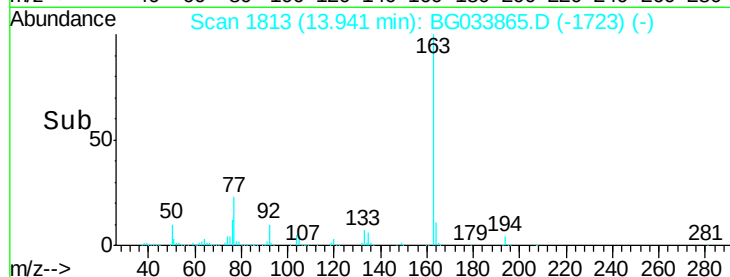
0

13.94

13.90

14.00

Time-->



#50

2,6-Dinitrotoluene

Concen: 48.334 ng

RT: 14.05 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

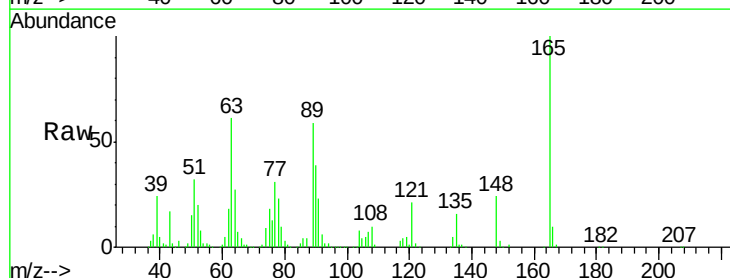
Tgt Ion:165 Resp: 143329

Ion Ratio Lower Upper

165 100

63 60.8 52.7 79.1

89 59.0 49.2 73.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

120000

100000

80000

60000

40000

20000

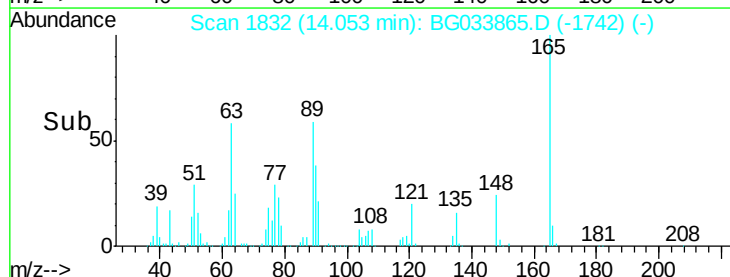
0

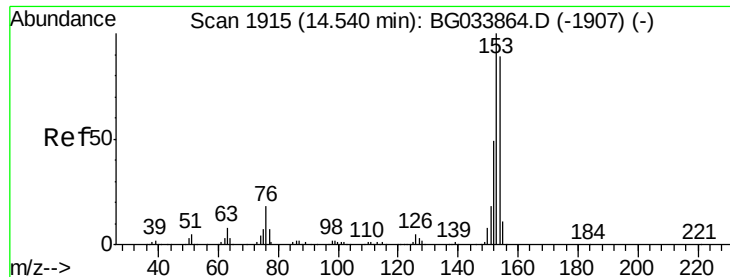
14.05

14.00

14.10

Time-->





#51

Acenaphthene

Concen: 51.920 ng

RT: 14.54 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

Instrument :

BNA_G

ClientSampleId :

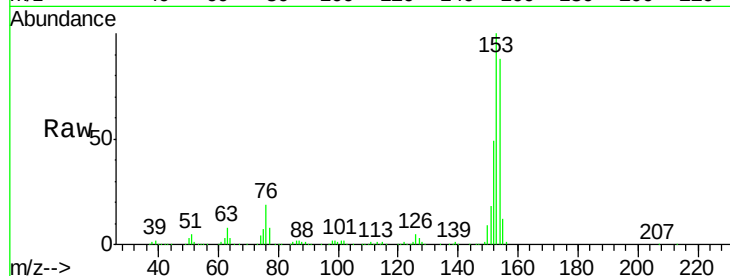
Tot Ion:154 Resp: 551513

Ion Ratio Lower Upper

154 100

153 113.2 90.4 135.6

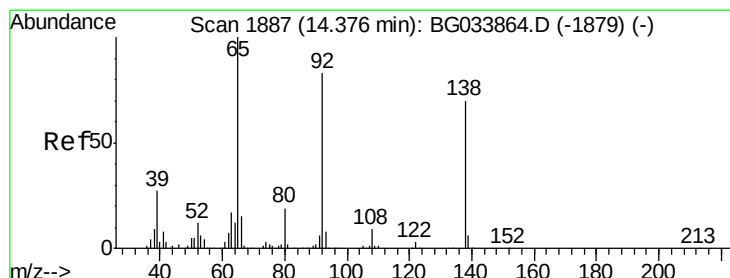
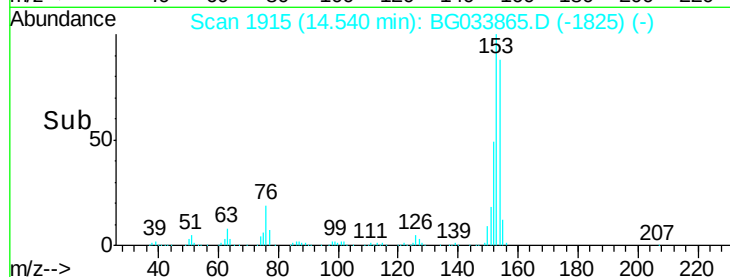
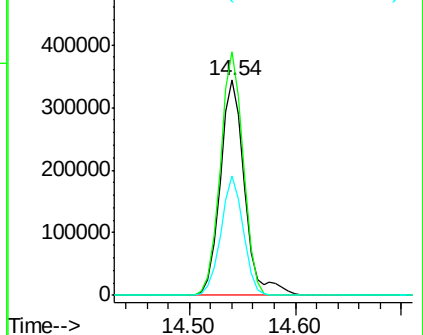
152 55.5 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 53.295 ng

RT: 14.38 min Scan# 1887

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

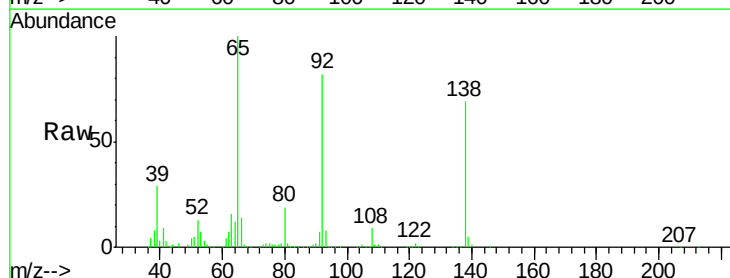
Tgt Ion:138 Resp: 165691

Ion Ratio Lower Upper

138 100

108 13.0 17.5 26.3#

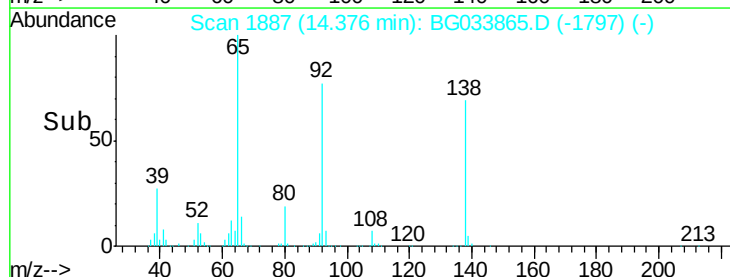
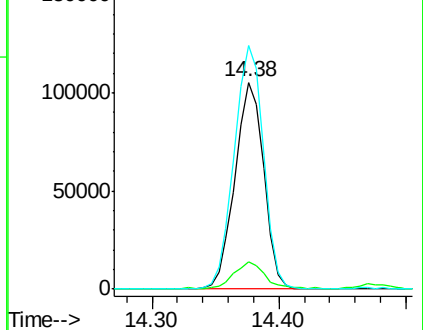
92 117.6 105.8 158.8

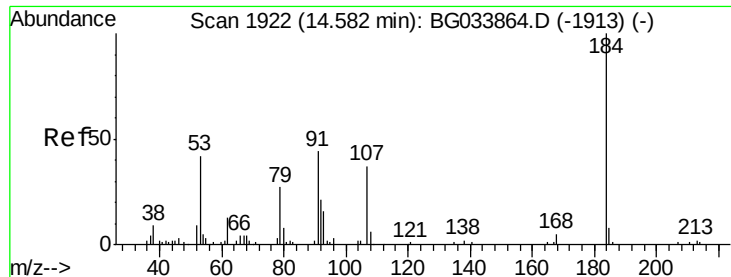


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

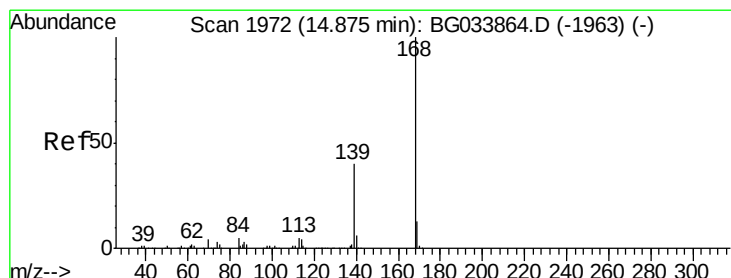
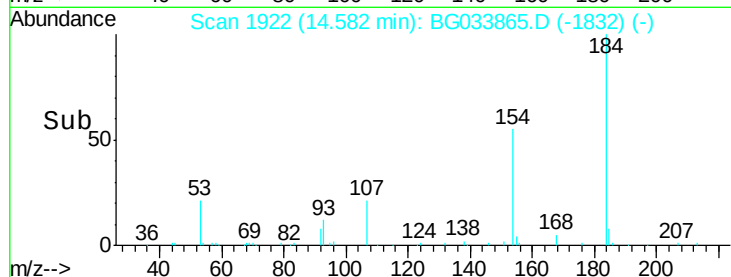
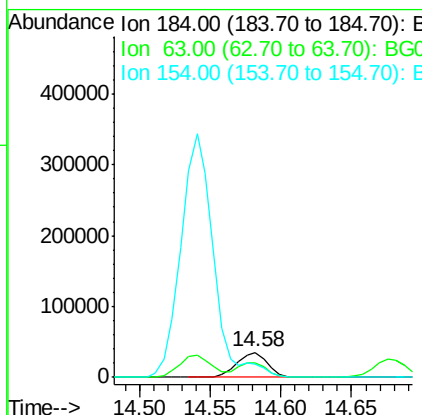
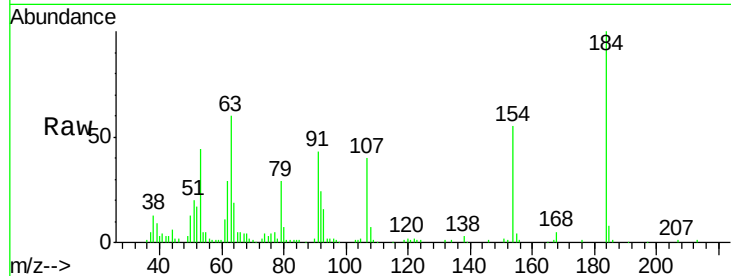




#53
 2,4-Dinitrophenol
 Concen: 42.408 ng
 RT: 14.58 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: BG033865.D
 Acq: 19 Apr 2018 11:51

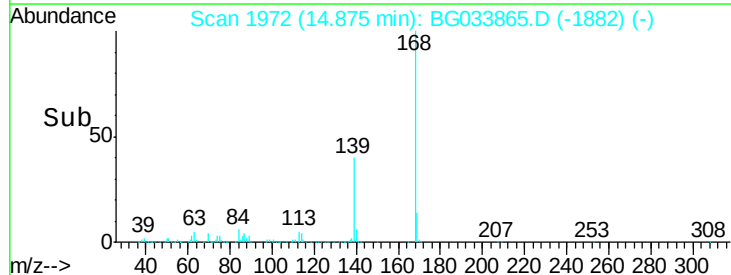
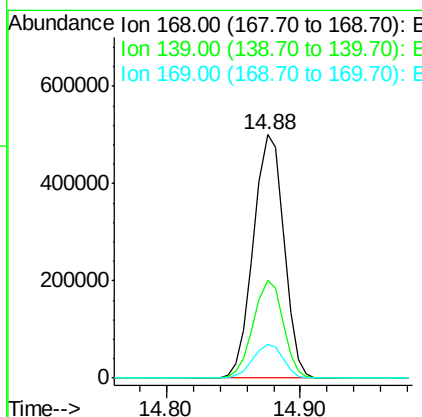
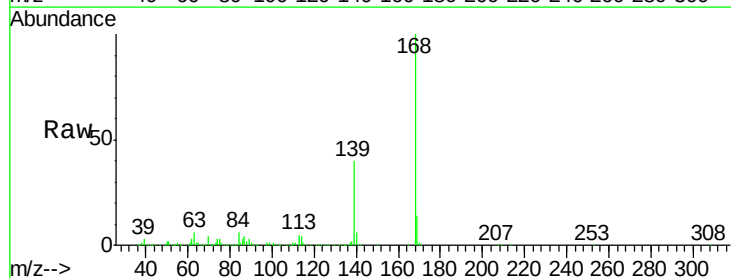
Instrument :
 BNA_G
 ClientSampled :

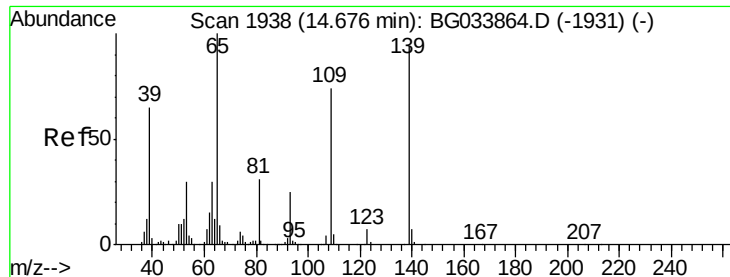
Tot Ion:184 Resp: 52537
 Ion Ratio Lower Upper
 184 100
 63 59.8 59.8 89.8#
 154 55.3 101.8 152.8#



#54
 Dibenzofuran
 Concen: 50.305 ng
 RT: 14.88 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: BG033865.D
 Acq: 19 Apr 2018 11:51

Tgt Ion:168 Resp: 789304
 Ion Ratio Lower Upper
 168 100
 139 40.1 28.6 43.0
 169 13.8 11.2 16.8





#55

4-Nitrophenol

Concen: 58.305 ng

RT: 14.68 min Scan# 1939

Delta R.T. 0.01 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

Instrument :

BNA_G

ClientSampleId :

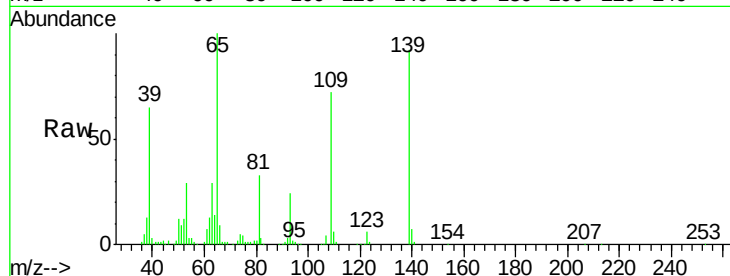
Tot Ion:139 Resp: 127462

Ion Ratio Lower Upper

139 100

109 77.6 62.2 102.2

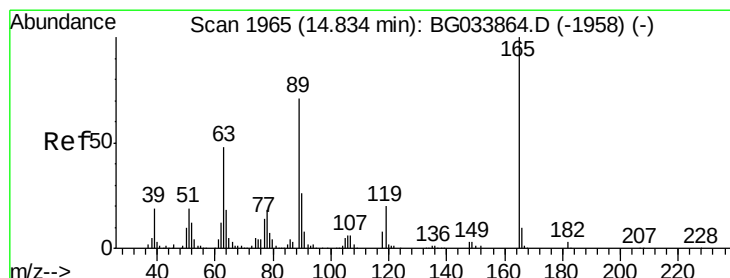
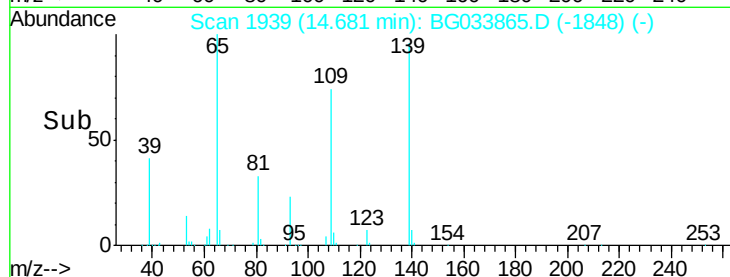
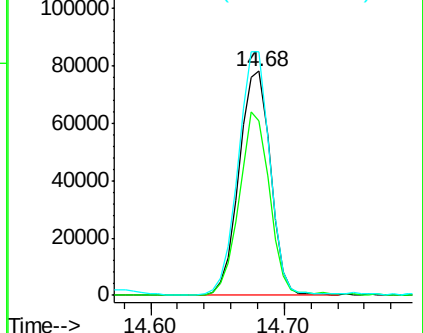
65 108.5 97.2 137.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 45.381 ng

RT: 14.84 min Scan# 1966

Delta R.T. 0.01 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

Tgt Ion:165 Resp: 198143

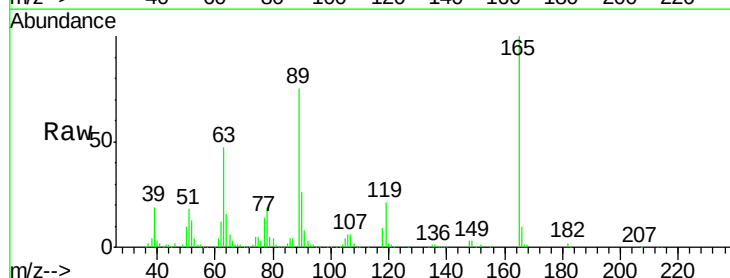
Ion Ratio Lower Upper

165 100

63 47.1 42.0 63.0

89 74.5 66.9 100.3

182 2.4 2.6 3.8#

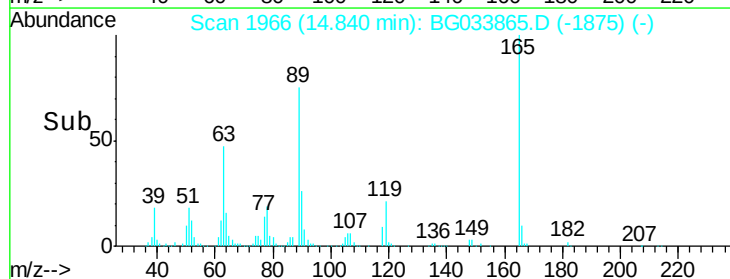
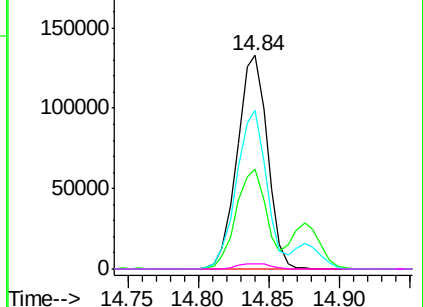


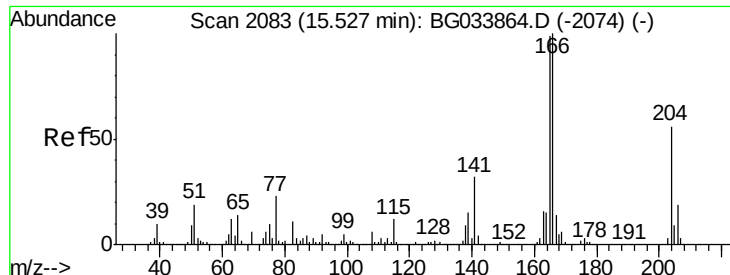
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 50.988 ng

RT: 15.53 min Scan# 2083

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

Instrument :

BNA_G

ClientSampleId :

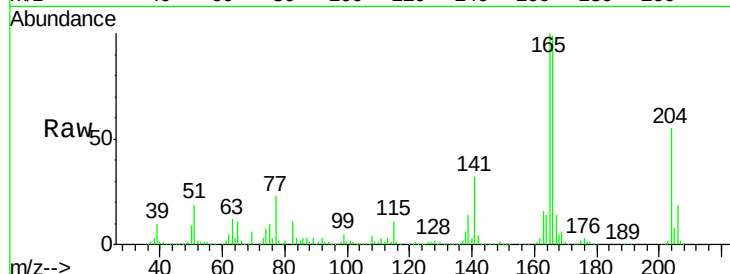
Tot Ion:166 Resp: 681560

Ion Ratio Lower Upper

166 100

165 100.5 80.6 121.0

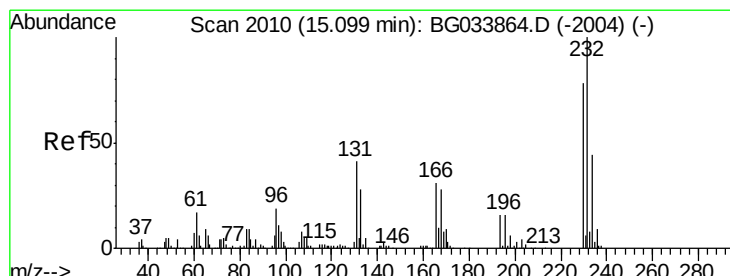
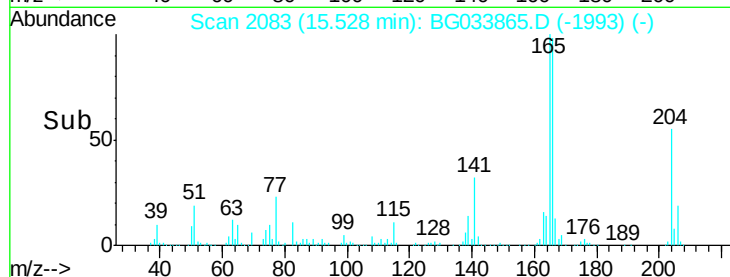
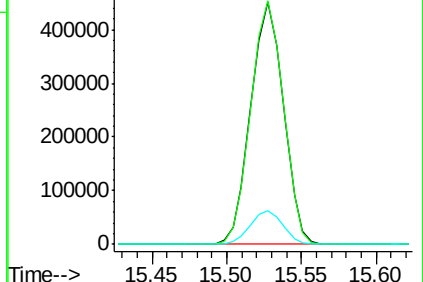
167 14.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.794 ng

RT: 15.10 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

Tgt Ion:232 Resp: 186520

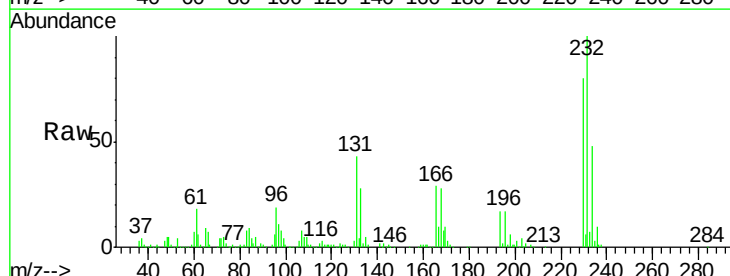
Ion Ratio Lower Upper

232 100

131 44.0 33.5 50.3

130 2.8 2.2 3.2

166 30.4 24.8 37.2

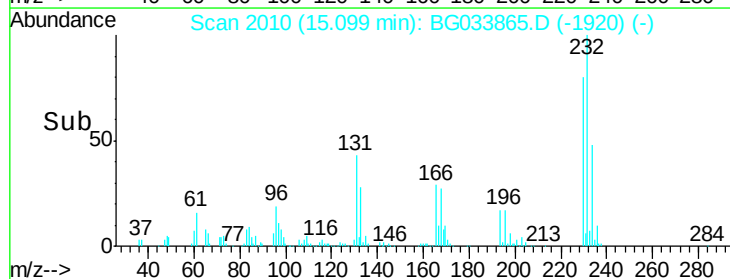
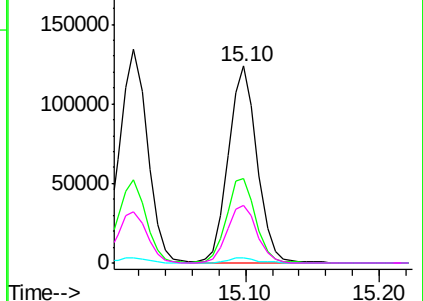


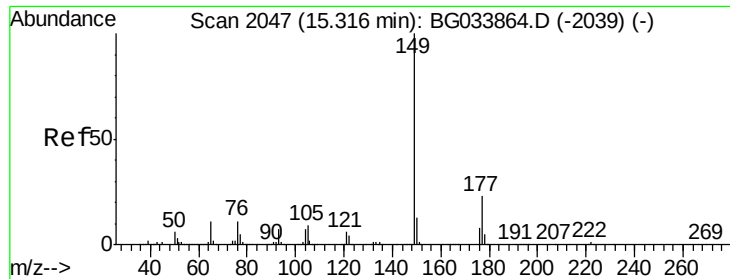
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 54.263 ng

RT: 15.32 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

Instrument :

BNA_G

ClientSampleId :

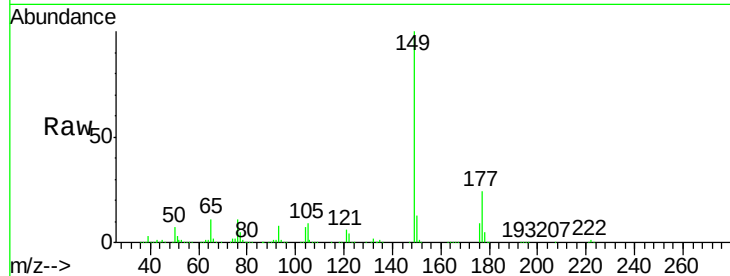
Tot Ion:149 Resp: 764155

Ion Ratio Lower Upper

149 100

177 23.5 18.5 27.7

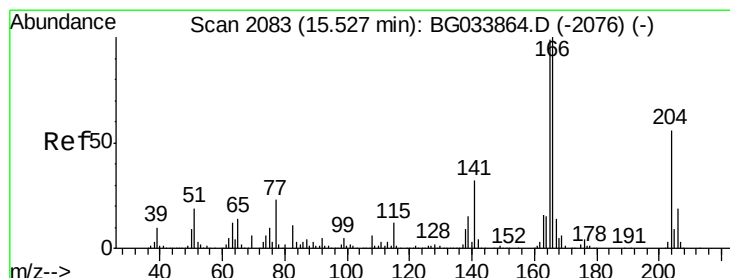
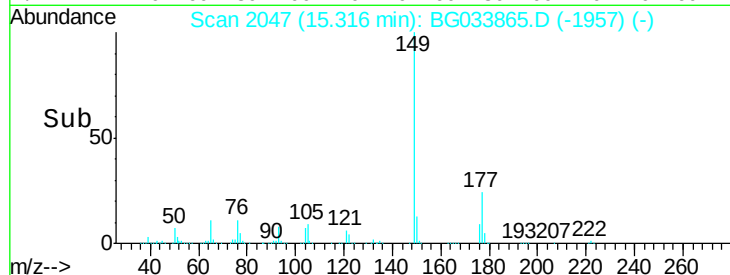
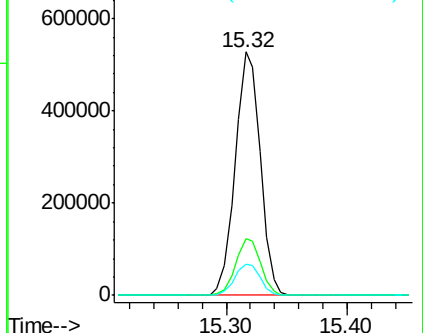
150 13.0 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.267 ng

RT: 15.53 min Scan# 2083

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

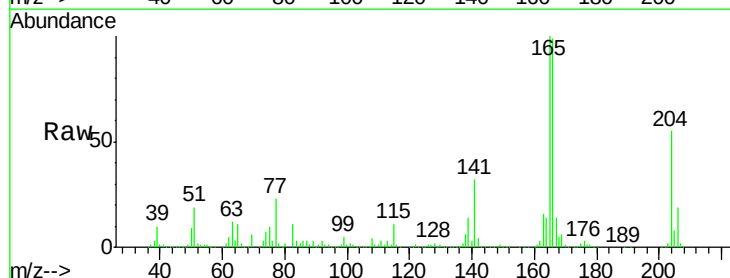
Tgt Ion:204 Resp: 355518

Ion Ratio Lower Upper

204 100

206 33.6 26.2 39.2

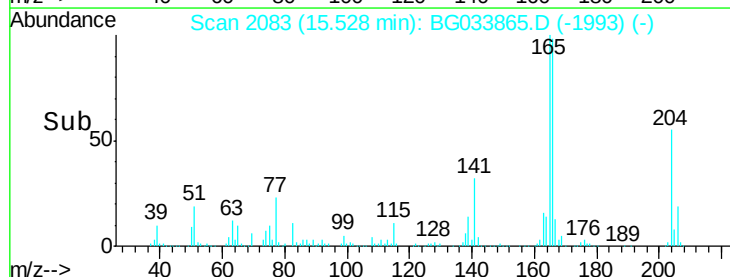
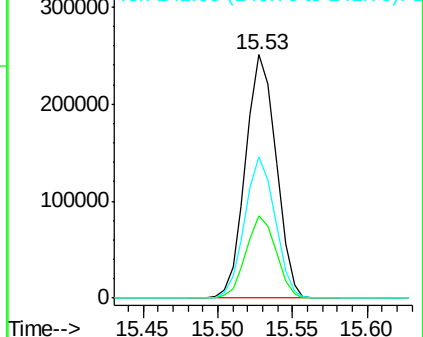
141 57.9 45.8 68.6

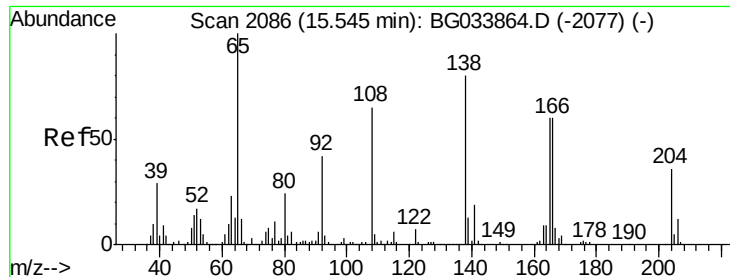


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

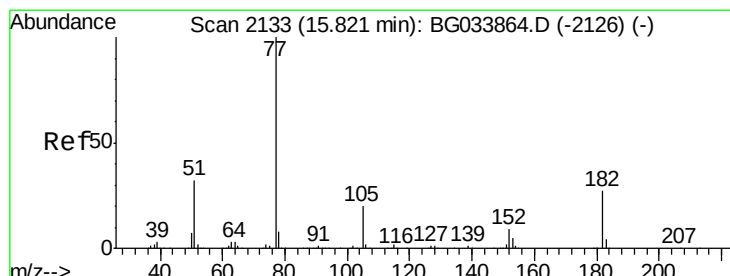
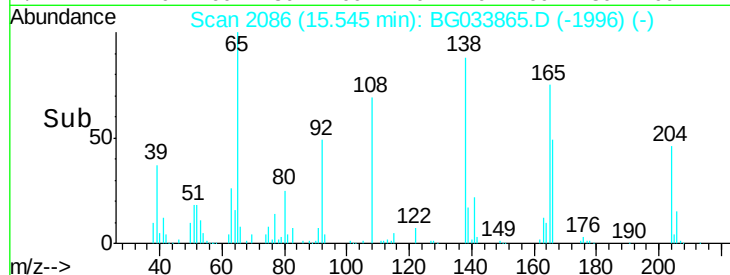
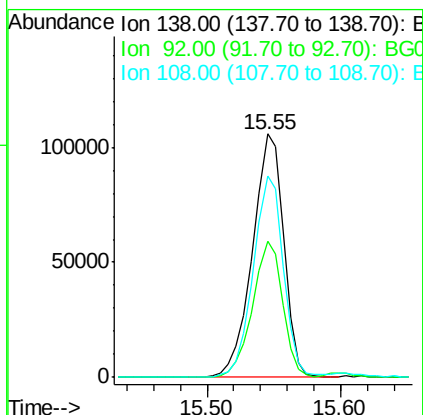
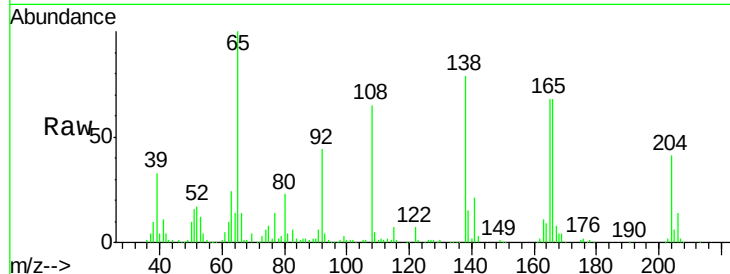




#61
4-Nitroaniline
Concen: 54.203 ng
RT: 15.55 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BG033865.D
Acq: 19 Apr 2018 11:51

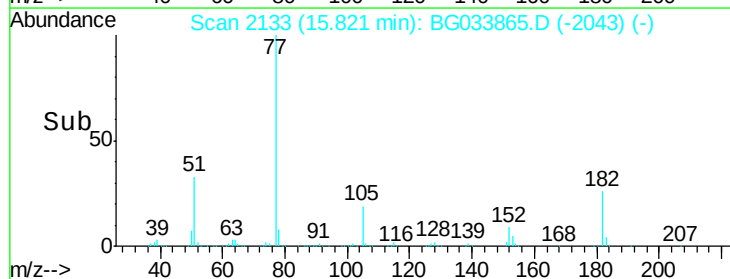
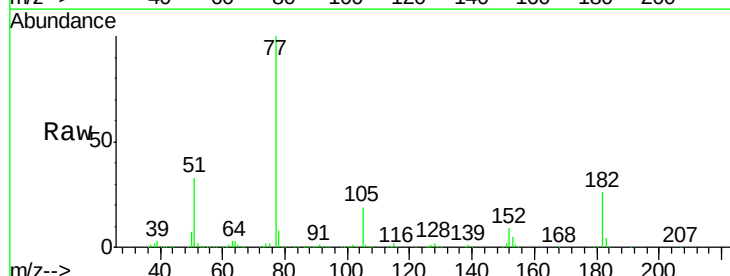
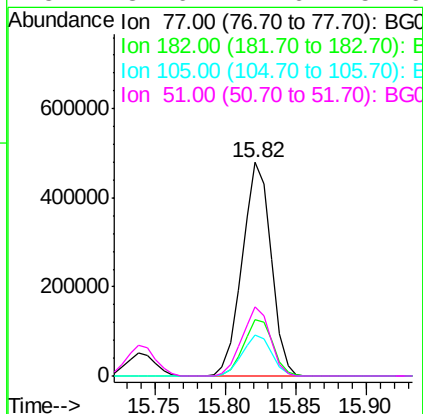
Instrument :
BNA_G
ClientSampleId :

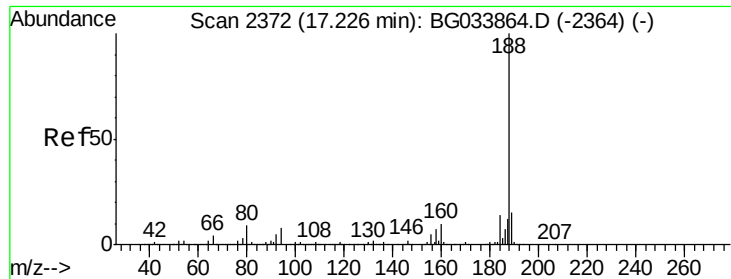
Tot Ion:138 Resp: 170648
Ion Ratio Lower Upper
138 100
92 55.8 40.1 80.1
108 82.7 65.4 105.4



#62
Azobenzene
Concen: 50.312 ng
RT: 15.82 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG033865.D
Acq: 19 Apr 2018 11:51

Tgt Ion: 77 Resp: 686342
Ion Ratio Lower Upper
77 100
182 26.1 7.4 47.4
105 19.5 0.3 40.3
51 32.6 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.23 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

Instrument :

BNA_G

ClientSampleId :

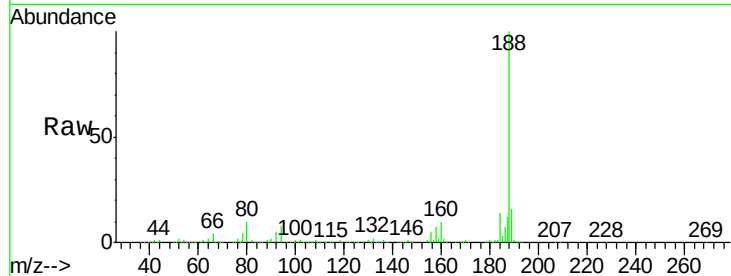
Tot Ion:188 Resp: 408586

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

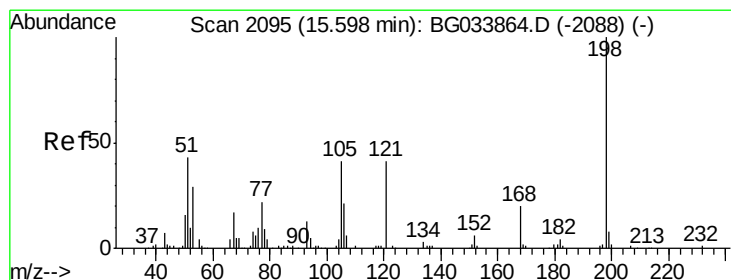
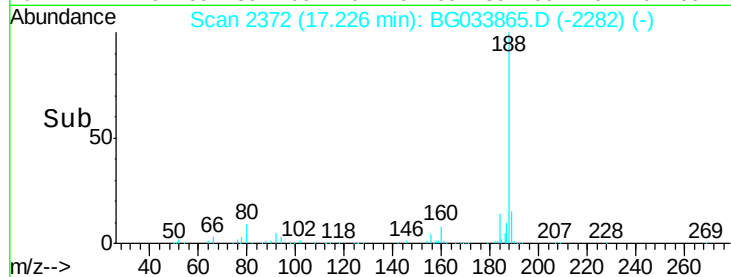
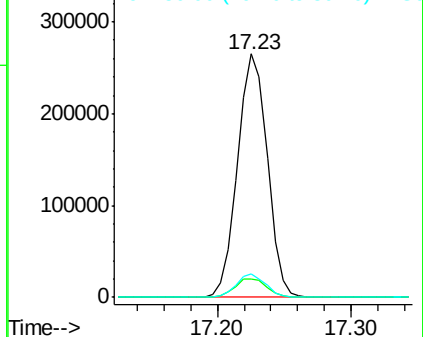
80 9.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 39.784 ng

RT: 15.60 min Scan# 2096

Delta R.T. 0.01 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

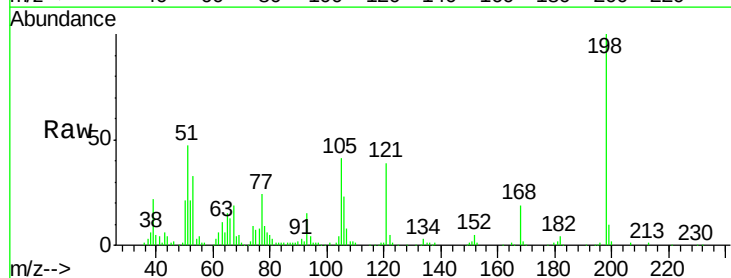
Tgt Ion:198 Resp: 97243

Ion Ratio Lower Upper

198 100

51 46.5 30.6 70.6

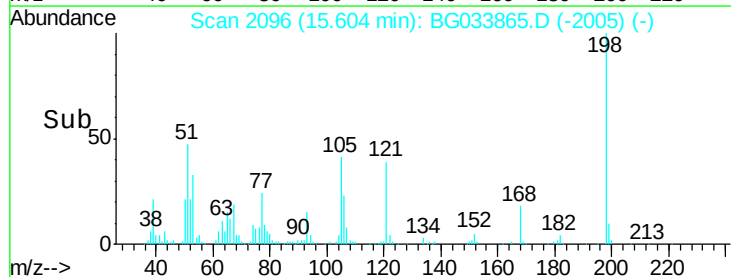
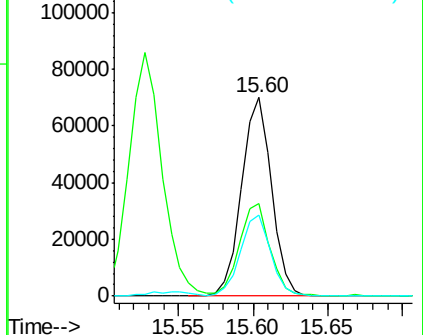
105 40.5 23.8 63.8

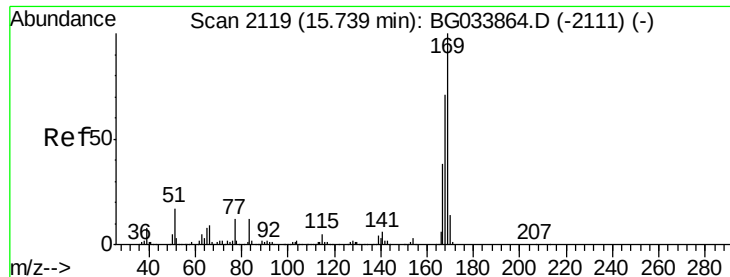


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

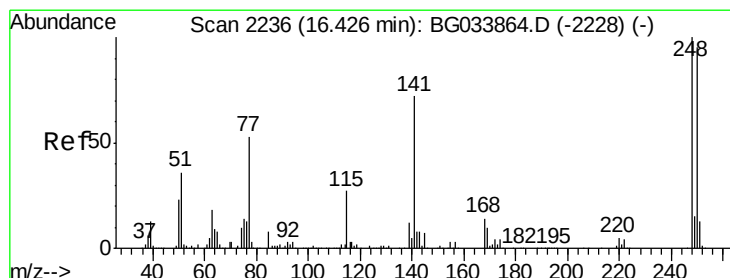
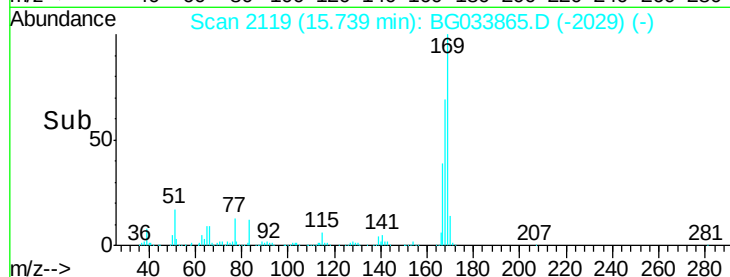
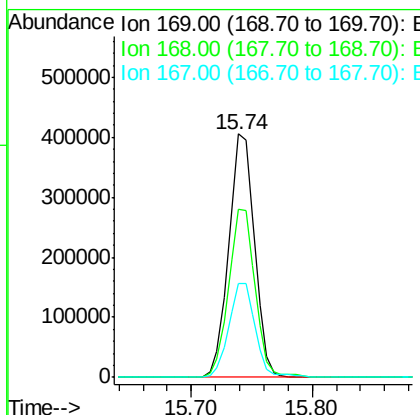
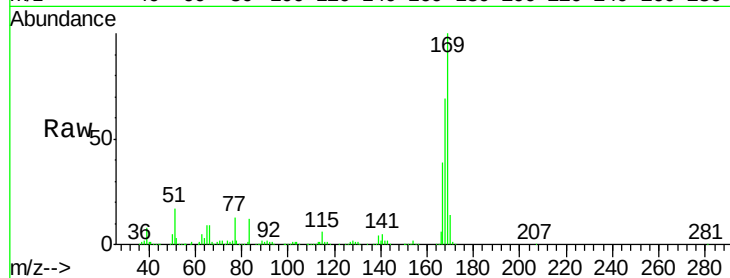




#65
 n-Nitrosodiphenylamine
 Concen: 51.587 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BG033865.D
 Acq: 19 Apr 2018 11:51

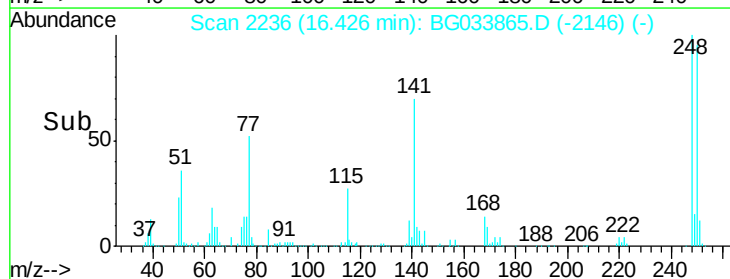
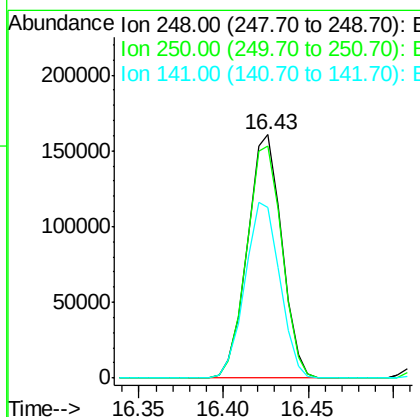
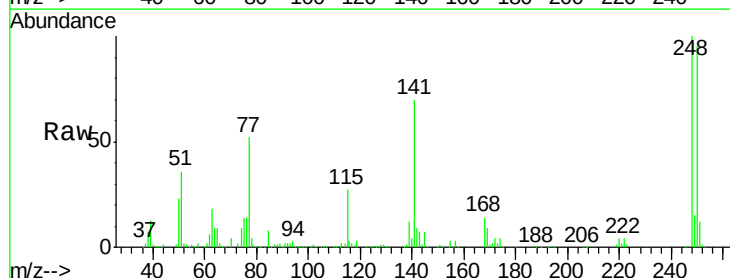
Instrument :
 BNA_G
 ClientSampleId :

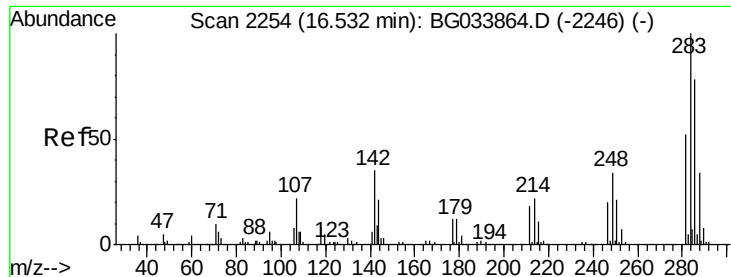
Tot Ion:169 Resp: 601740
 Ion Ratio Lower Upper
 169 100
 168 69.2 55.7 83.5
 167 38.7 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 47.459 ng
 RT: 16.43 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BG033865.D
 Acq: 19 Apr 2018 11:51

Tgt Ion:248 Resp: 227731
 Ion Ratio Lower Upper
 248 100
 250 95.2 77.1 115.7
 141 70.3 50.8 76.2

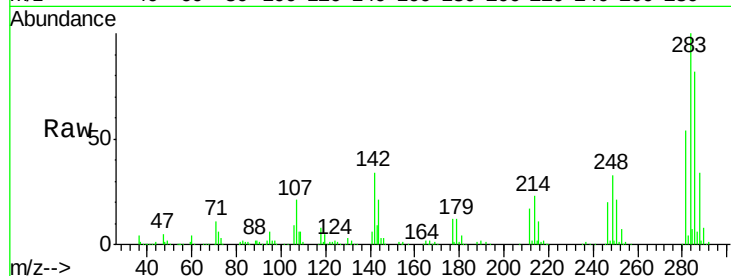




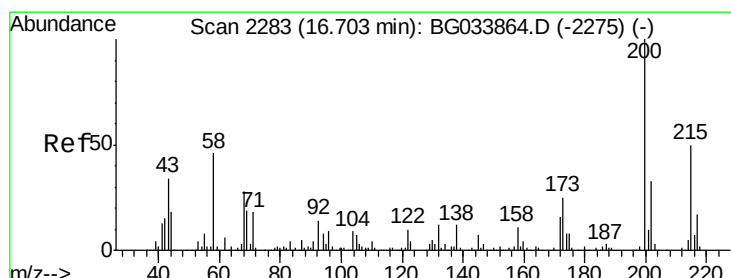
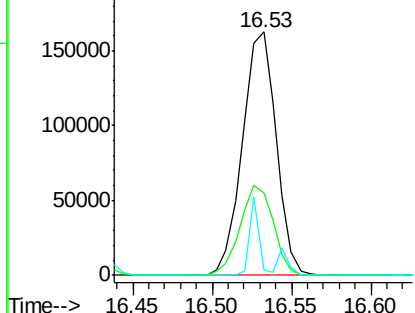
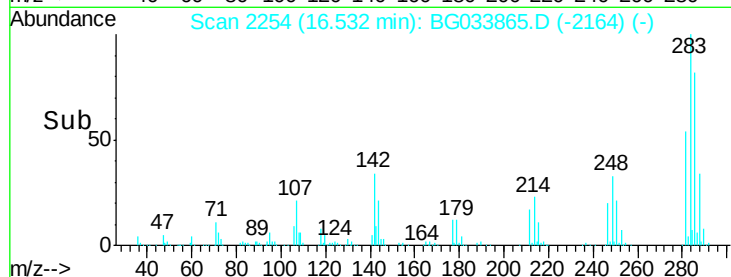
#67
Hexachlorobenzene
Concen: 47.436 ng
RT: 16.53 min Scan# 2254
Delta R.T. 0.00 min
Lab File: BG033865.D
Acq: 19 Apr 2018 11:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.0	26.8	40.2
249	2.3	26.3	39.5#

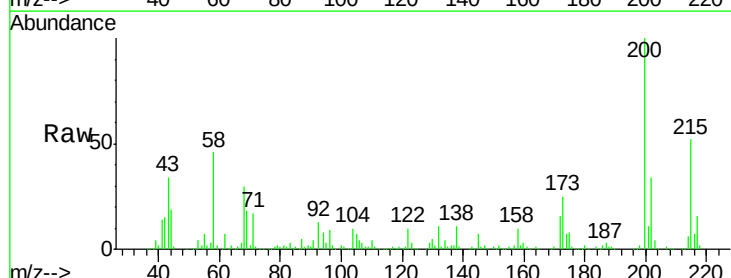


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

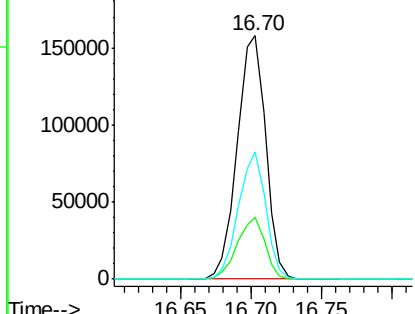
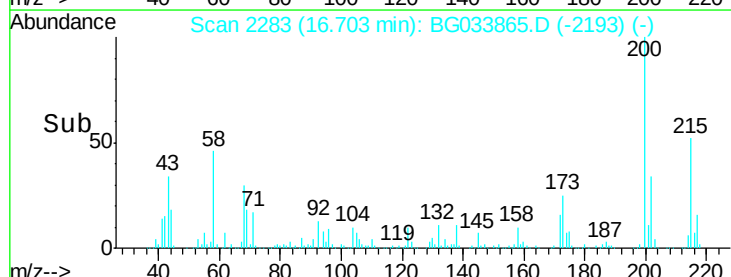


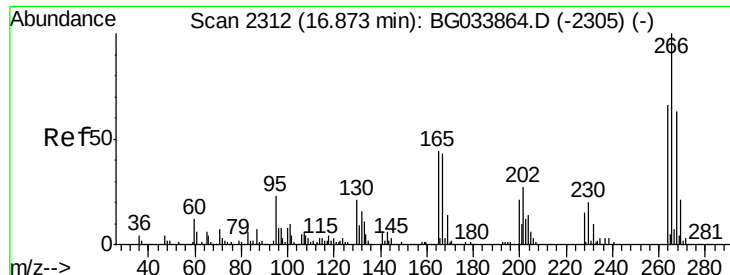
#68
Atrazine
Concen: 46.987 ng
RT: 16.70 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BG033865.D
Acq: 19 Apr 2018 11:51

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.4	5.2	45.2
215	52.3	30.4	70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

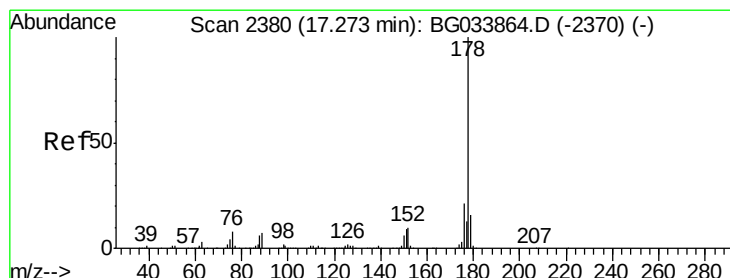
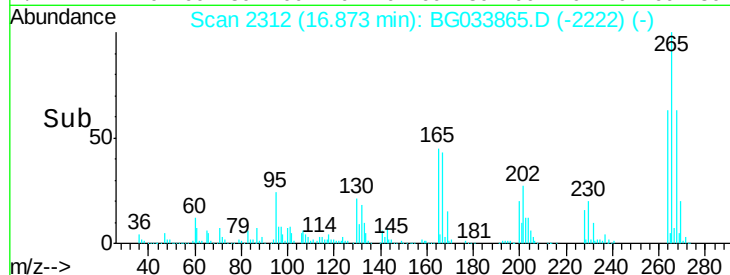
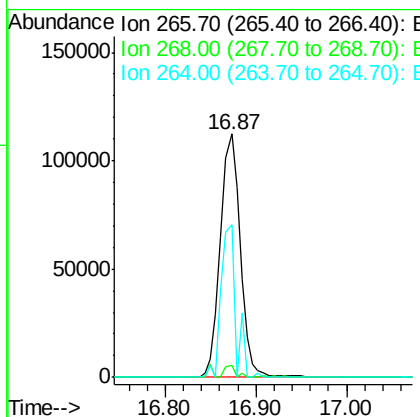
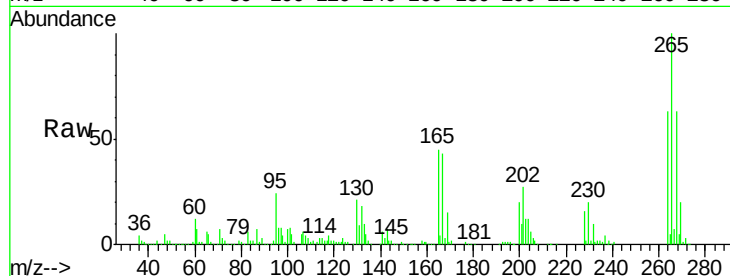




#69
 Pentachlorophenol
 Concen: 49.460 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: BG033865.D
 Acq: 19 Apr 2018 11:51

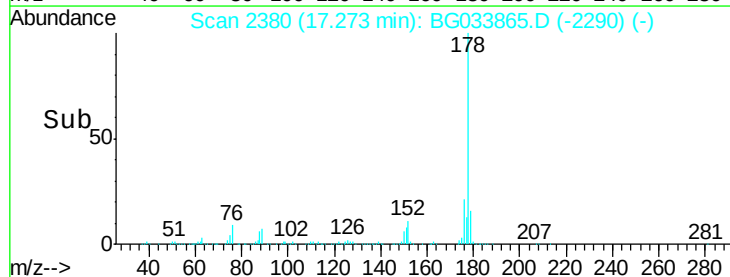
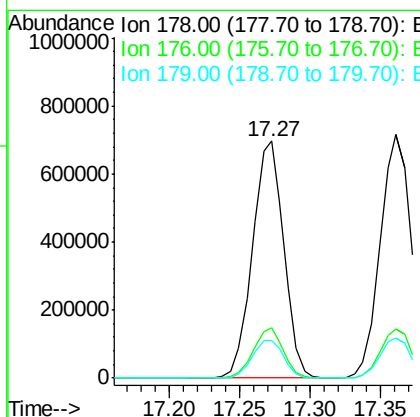
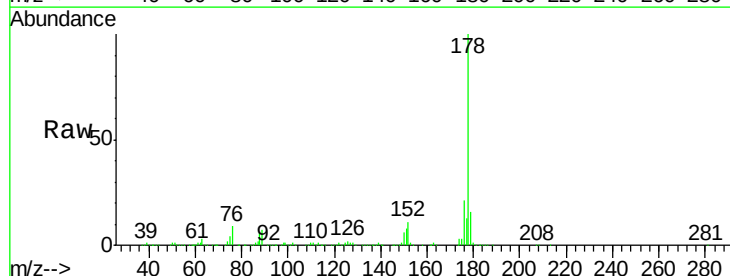
Instrument :
 BNA_G
 ClientSampleId :

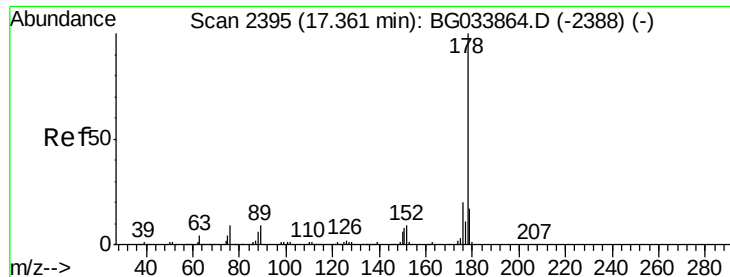
Tot Ion:266 Resp: 171911
 Ion Ratio Lower Upper
 266 100
 268 4.7 51.1 76.7#
 264 67.9 49.6 74.4



#70
 Phenanthrene
 Concen: 50.908 ng
 RT: 17.27 min Scan# 2380
 Delta R.T. 0.00 min
 Lab File: BG033865.D
 Acq: 19 Apr 2018 11:51

Tgt Ion:178 Resp: 1083272
 Ion Ratio Lower Upper
 178 100
 176 21.2 15.7 23.5
 179 16.1 12.5 18.7

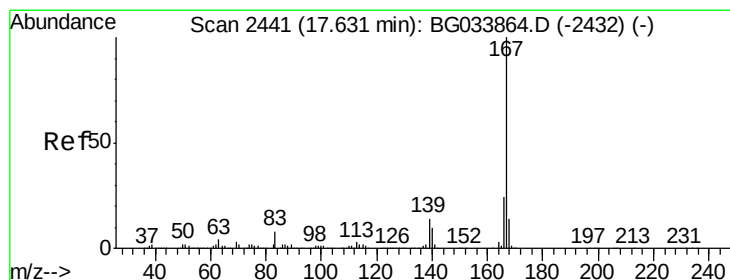
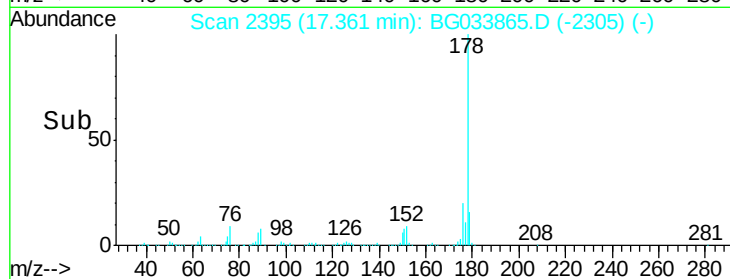
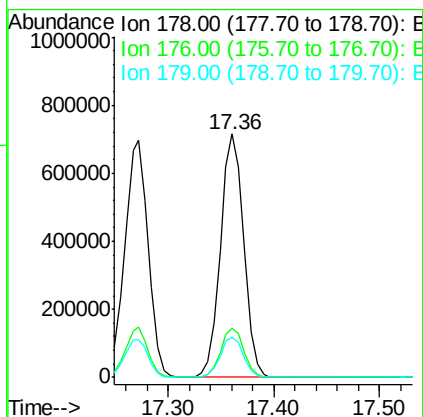
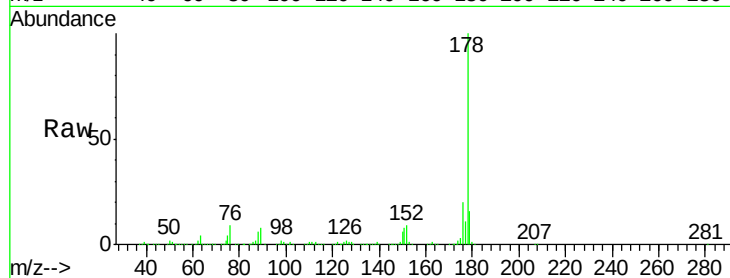




#71
 Anthracene
 Concen: 50.643 ng
 RT: 17.36 min Scan# 2395
 Delta R.T. 0.00 min
 Lab File: BG033865.D
 Acq: 19 Apr 2018 11:51

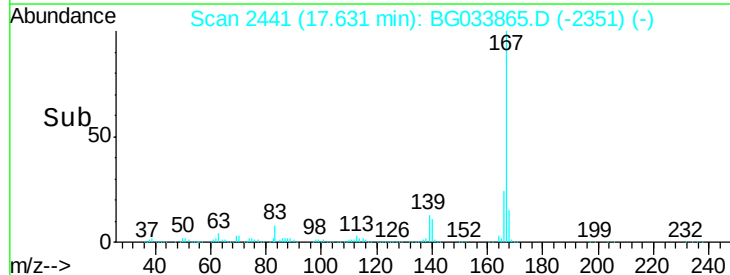
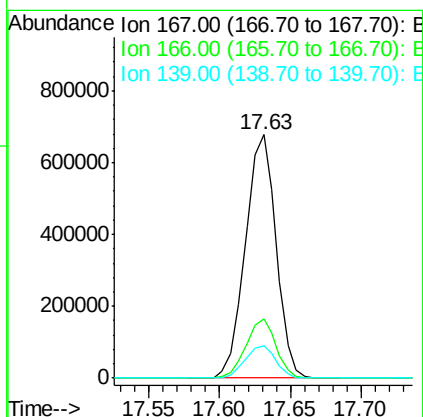
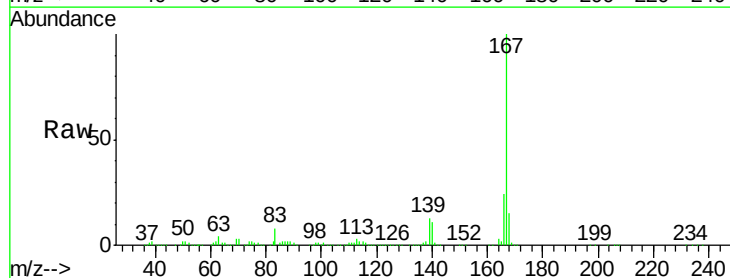
Instrument :
 BNA_G
 ClientSampleId :

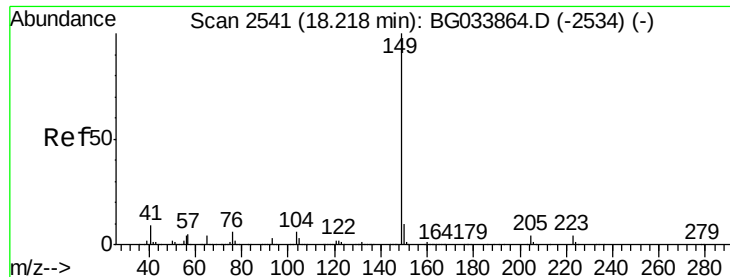
Tot Ion:178 Resp: 1091143
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 16.4 12.5 18.7



#72
 Carbazole
 Concen: 54.072 ng
 RT: 17.63 min Scan# 2441
 Delta R.T. 0.00 min
 Lab File: BG033865.D
 Acq: 19 Apr 2018 11:51

Tgt Ion:167 Resp: 1032365
 Ion Ratio Lower Upper
 167 100
 166 24.1 18.2 27.4
 139 13.5 9.4 14.2





#73

Di-n-butylphthalate

Concen: 57.711 ng

RT: 18.22 min Scan# 2541

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

Instrument :

BNA_G

ClientSampleId :

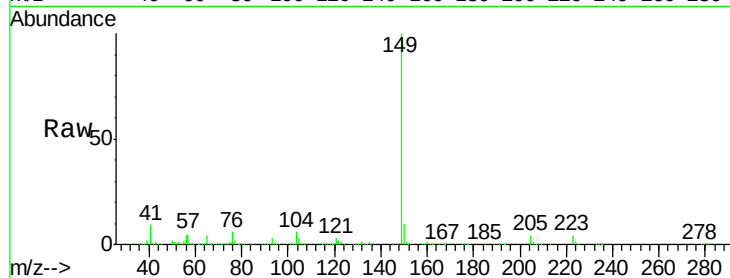
Tot Ion:149 Resp: 1282494

Ion Ratio Lower Upper

149 100

150 10.3 7.8 11.6

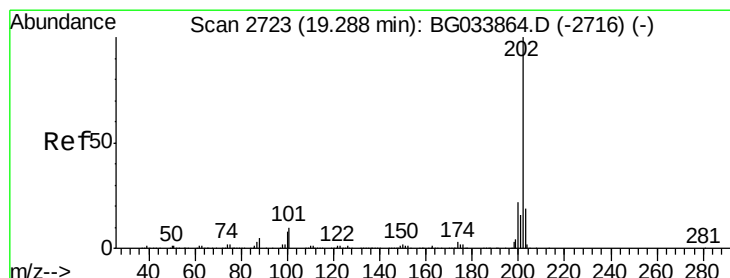
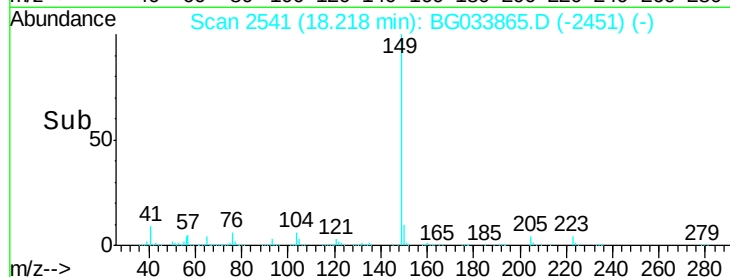
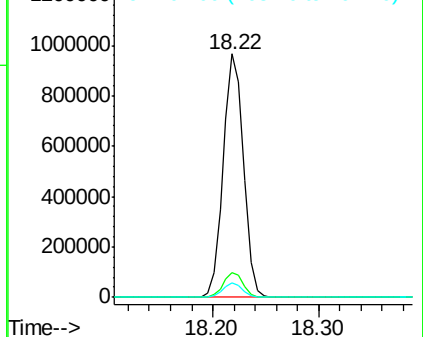
104 5.8 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.715 ng

RT: 19.29 min Scan# 2723

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

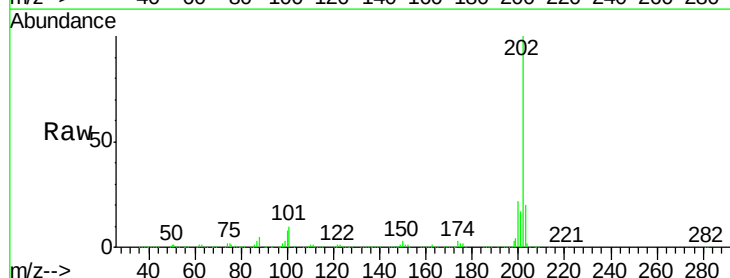
Tgt Ion:202 Resp: 1282804

Ion Ratio Lower Upper

202 100

101 10.1 0.0 28.9

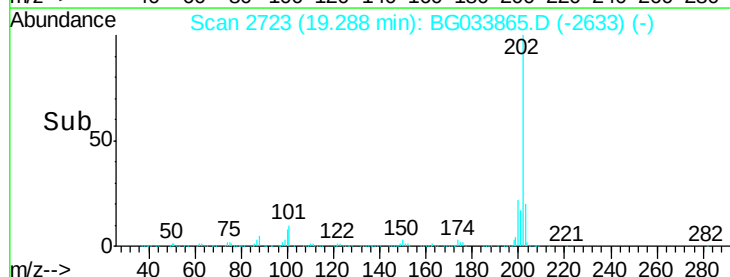
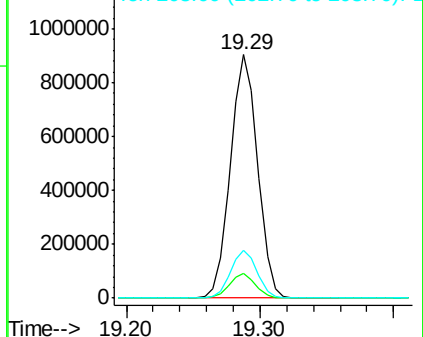
203 19.8 0.0 37.5

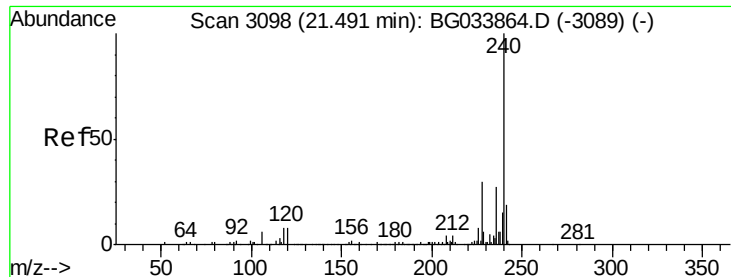


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.49 min Scan# 3098

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

Instrument :

BNA_G

ClientSampleId :

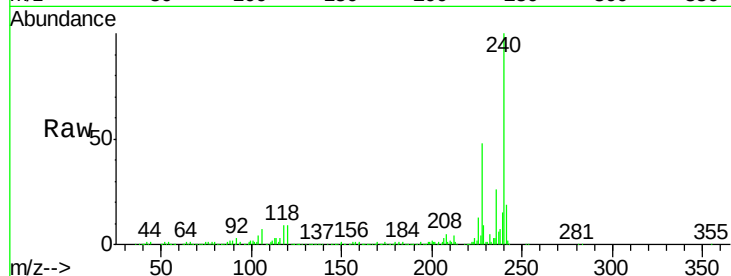
Tot Ion:240 Resp: 398170

Ion Ratio Lower Upper

240 100

120 9.2 6.8 10.2

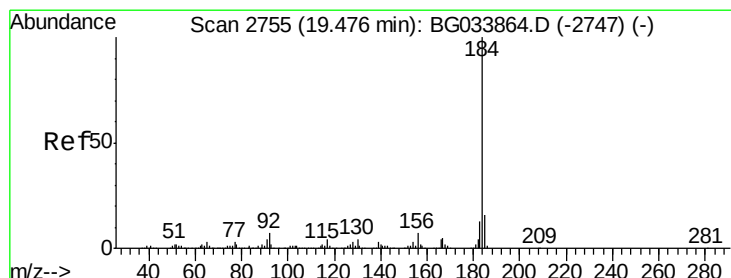
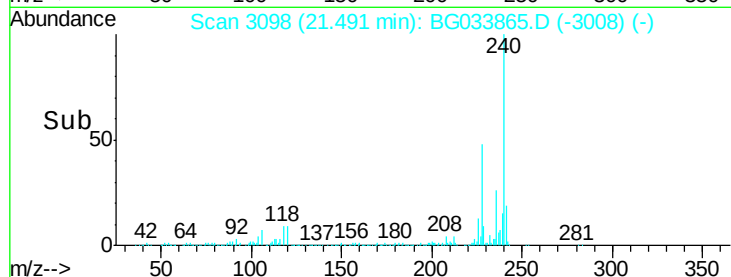
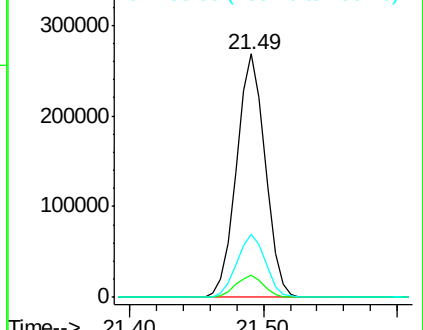
236 26.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 48.213 ng

RT: 19.48 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

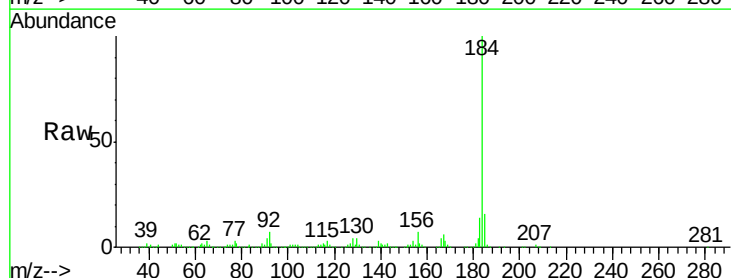
Tgt Ion:184 Resp: 520589

Ion Ratio Lower Upper

184 100

185 15.8 11.1 16.7

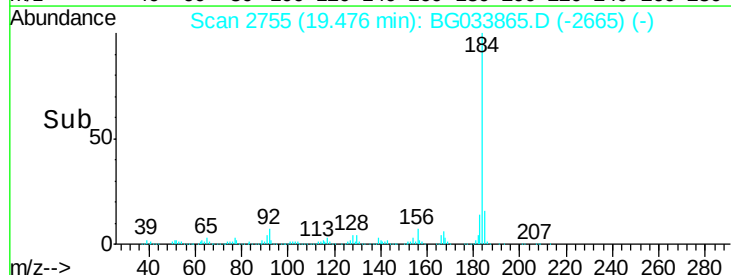
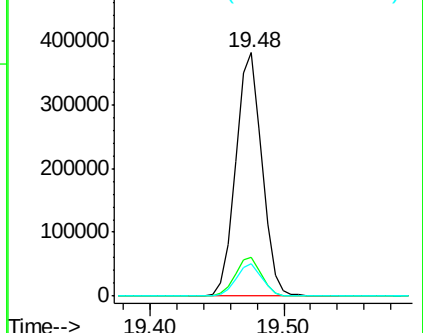
183 13.6 10.6 16.0

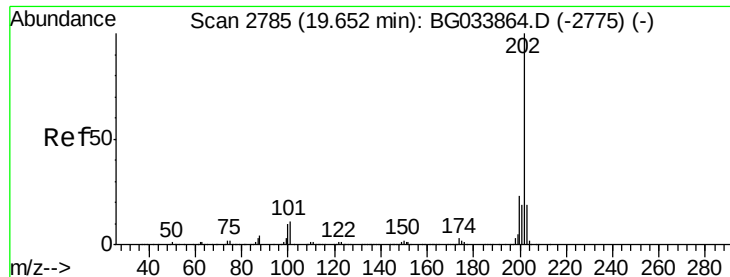


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

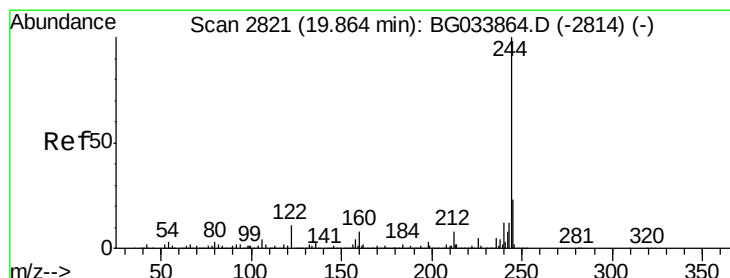
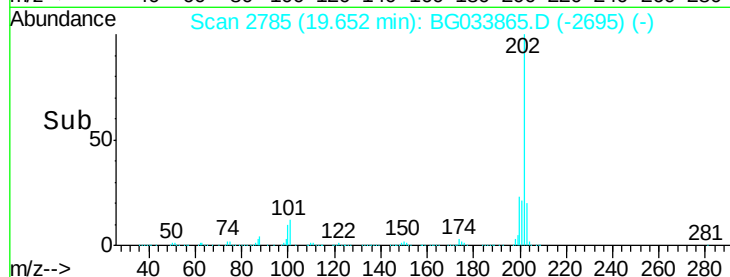
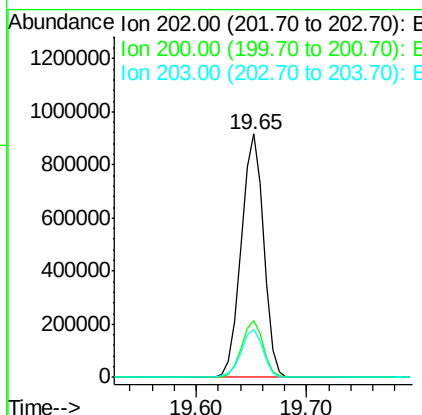
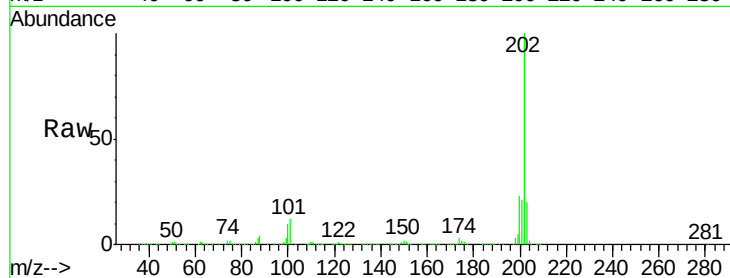




#77
Pvrene
Concen: 49.226 ng
RT: 19.65 min Scan# 2785
Delta R.T. 0.00 min
Lab File: BG033865.D
Acq: 19 Apr 2018 11:51

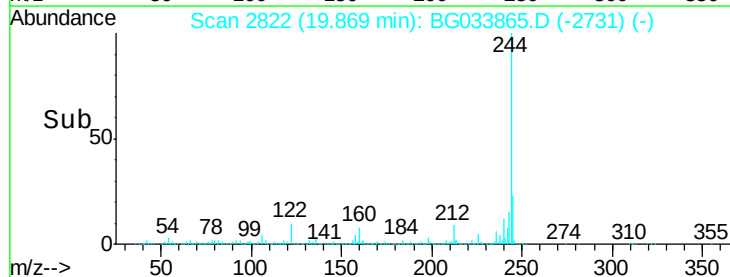
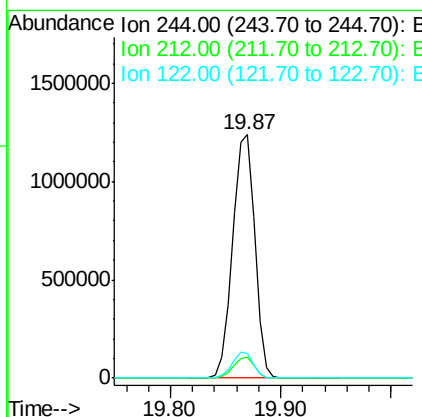
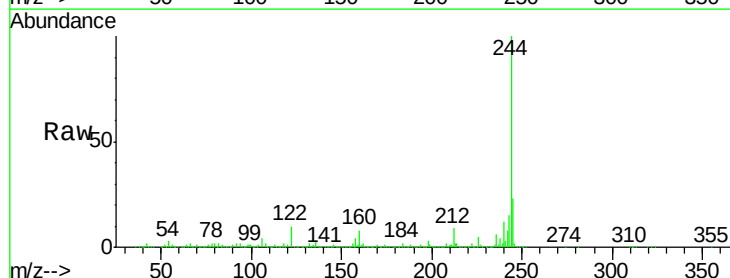
Instrument :
BNA_G
ClientSampled :

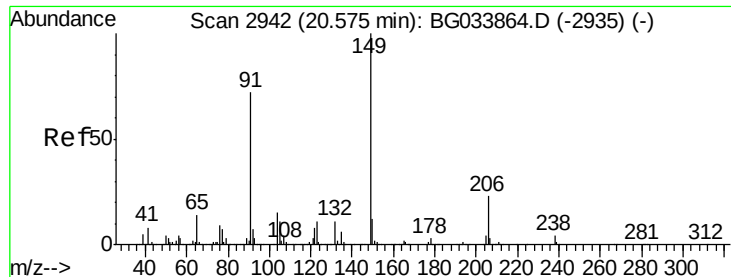
Tot Ion:202 Resp: 1307233
Ion Ratio Lower Upper
202 100
200 23.3 16.9 25.3
203 19.5 13.9 20.9



#78
Terphenyl-d14
Concen: 93.987 ng
RT: 19.87 min Scan# 2822
Delta R.T. 0.01 min
Lab File: BG033865.D
Acq: 19 Apr 2018 11:51

Tgt Ion:244 Resp: 1749873
Ion Ratio Lower Upper
244 100
212 8.7 5.8 8.8
122 10.1 7.0 10.4

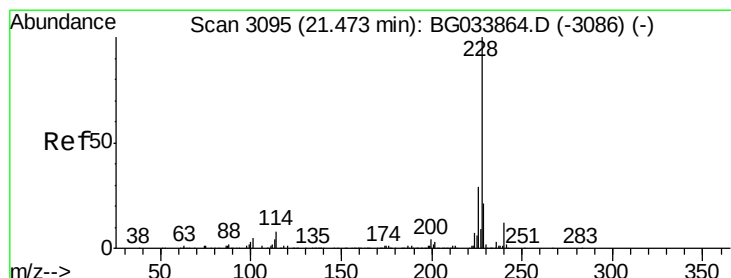
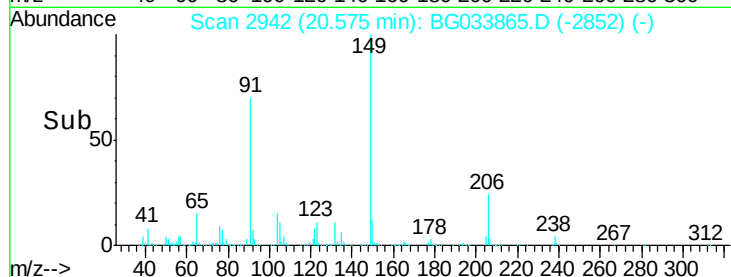
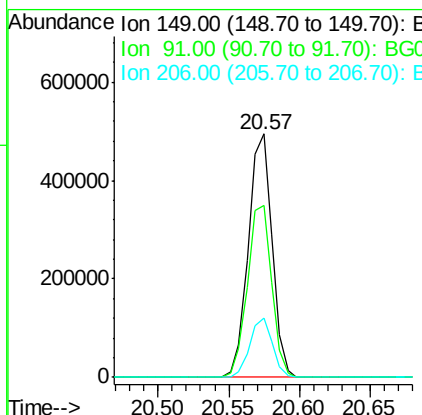
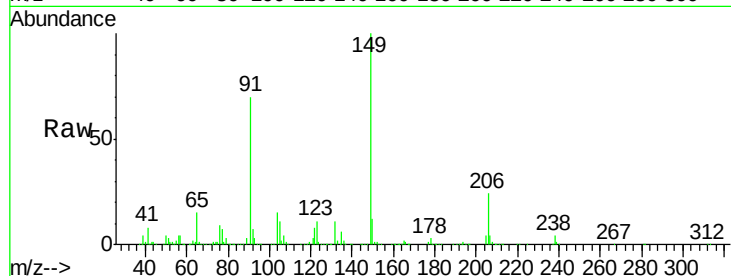




#79
Butylbenzylphthalate
Concen: 59.686 ng
RT: 20.57 min Scan# 2942
Delta R.T. 0.00 min
Lab File: BG033865.D
Acq: 19 Apr 2018 11:51

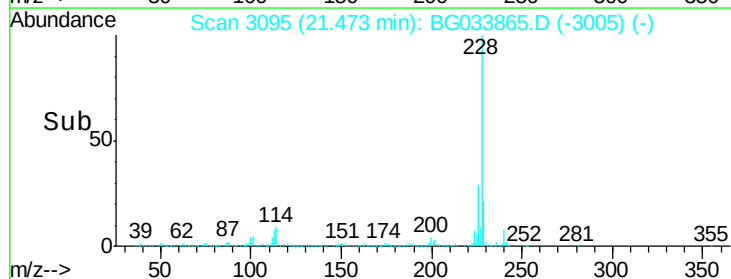
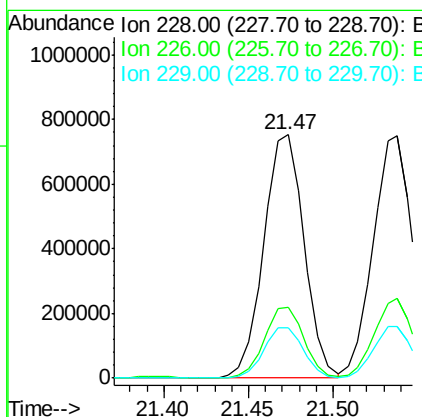
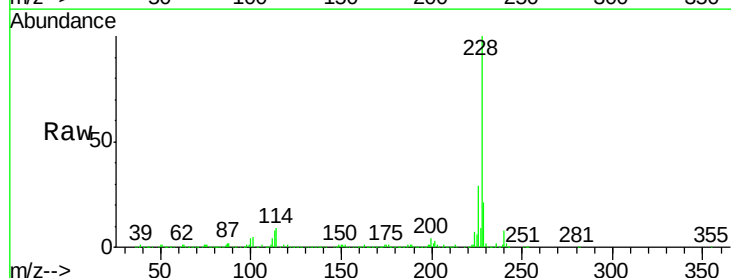
Instrument :
BNA_G
ClientSampleId :

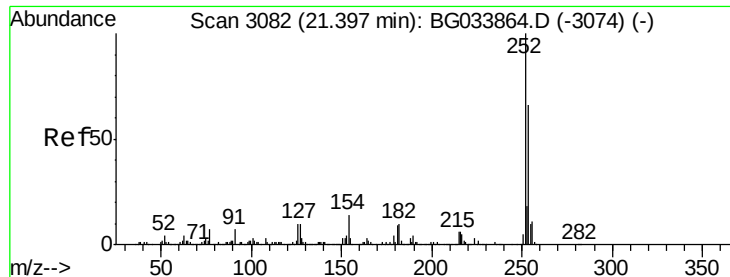
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.4	62.2	93.2
206	24.2	18.6	27.8



#80
Benzo(a)anthracene
Concen: 49.312 ng
RT: 21.47 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BG033865.D
Acq: 19 Apr 2018 11:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.7	34.1
229	20.7	16.2	24.2





#81

3,3'-Dichlorobenzidine

Concen: 52.647 ng

RT: 21.40 min Scan# 3082

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

Instrument :

BNA_G

ClientSampleId :

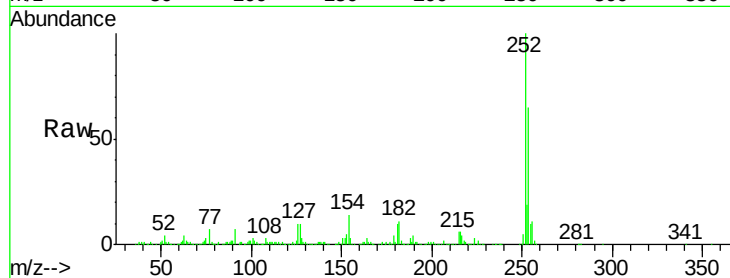
Tot Ion:252 Resp: 474983

Ion Ratio Lower Upper

252 100

254 64.8 50.8 76.2

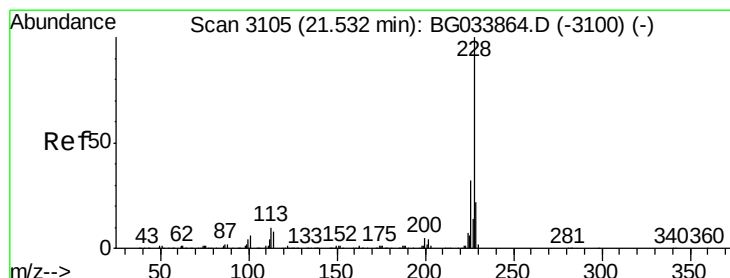
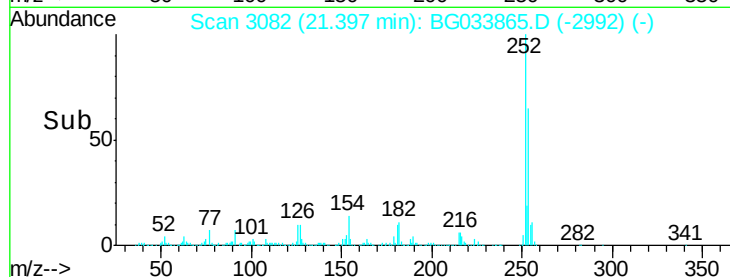
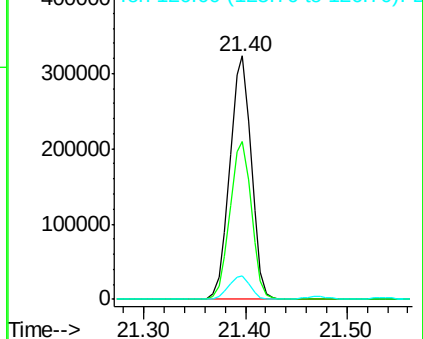
126 9.8 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 49.027 ng

RT: 21.54 min Scan# 3106

Delta R.T. 0.01 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

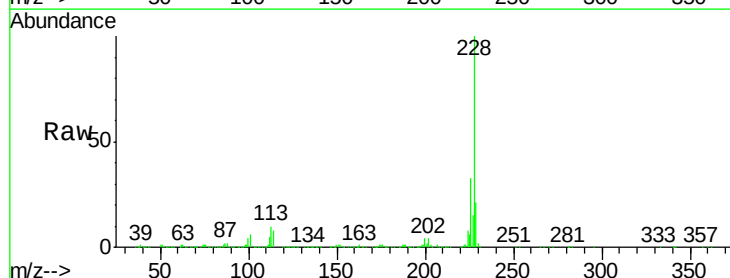
Tgt Ion:228 Resp: 1203255

Ion Ratio Lower Upper

228 100

226 32.7 24.9 37.3

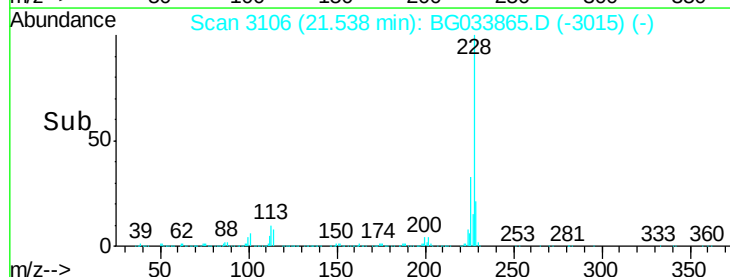
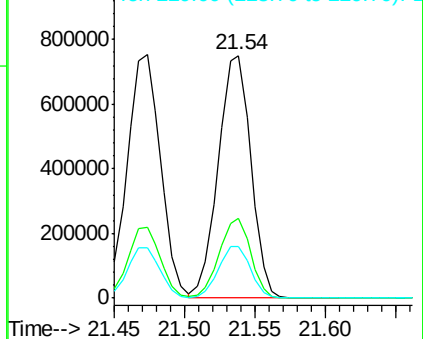
229 21.4 15.0 22.4

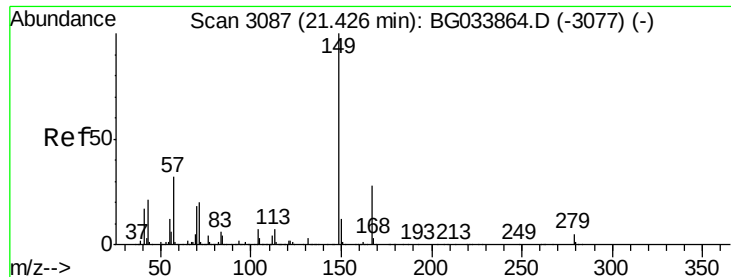


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

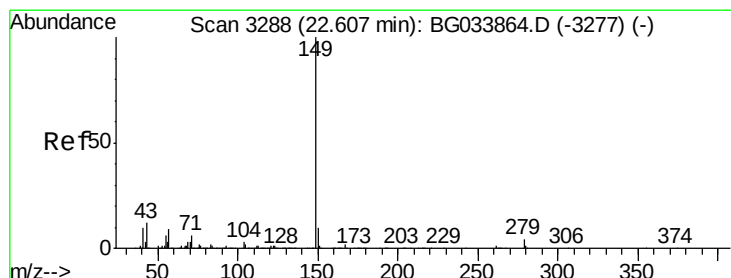
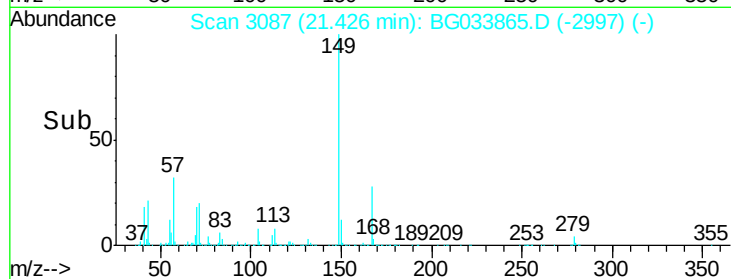
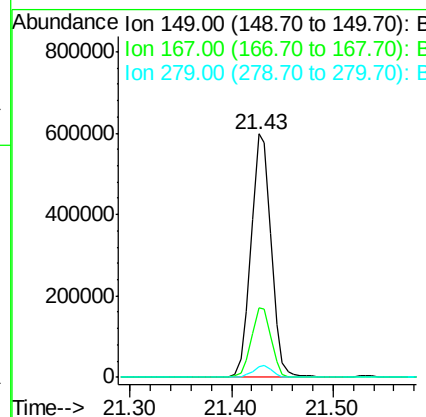
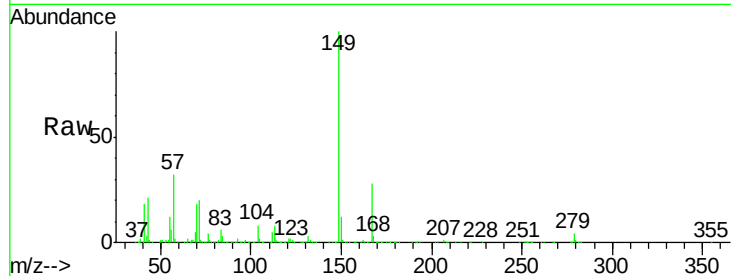




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 60.945 ng
 RT: 21.43 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: BG033865.D
 Acq: 19 Apr 2018 11:51

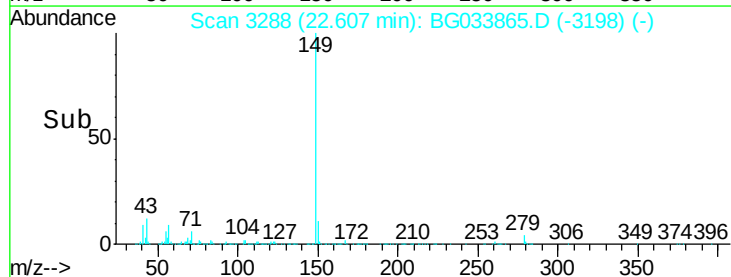
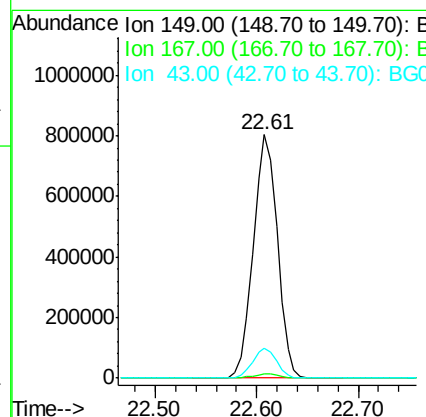
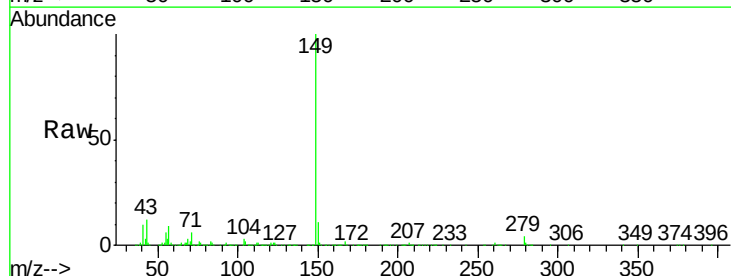
Instrument :
 BNA_G
 ClientSampleId :

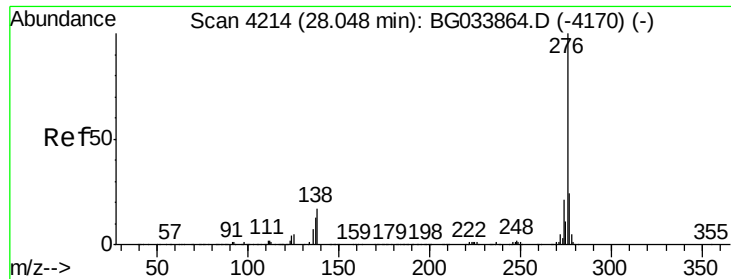
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.4	24.3	36.5
279	4.3	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 64.123 ng
 RT: 22.61 min Scan# 3288
 Delta R.T. 0.00 min
 Lab File: BG033865.D
 Acq: 19 Apr 2018 11:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	12.1	8.9	13.3

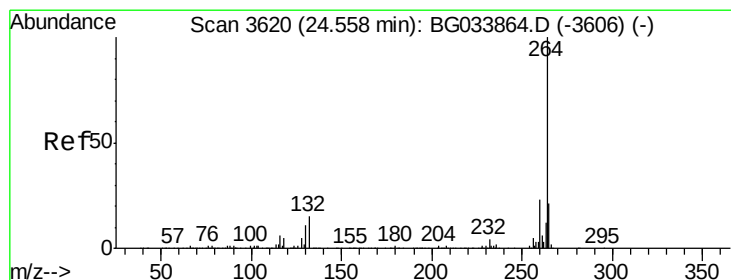
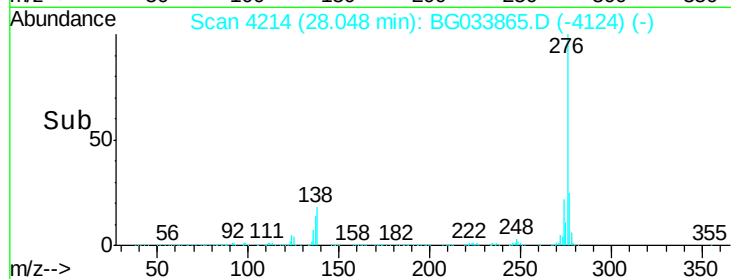
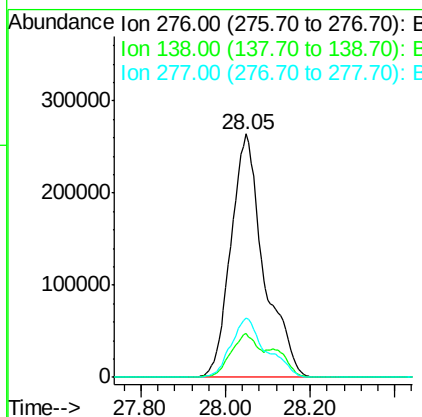
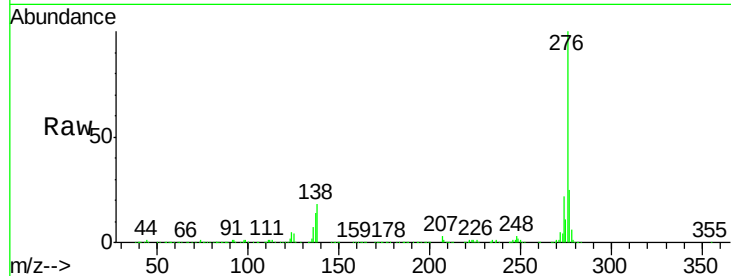




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.284 ng
 RT: 28.05 min Scan# 4214
 Delta R.T. 0.00 min
 Lab File: BG033865.D
 Acq: 19 Apr 2018 11:51

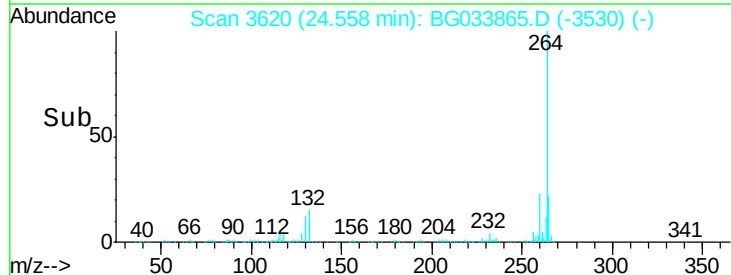
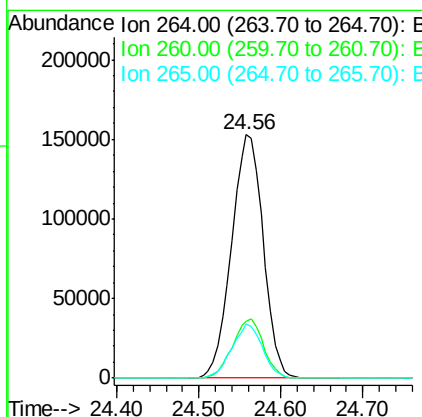
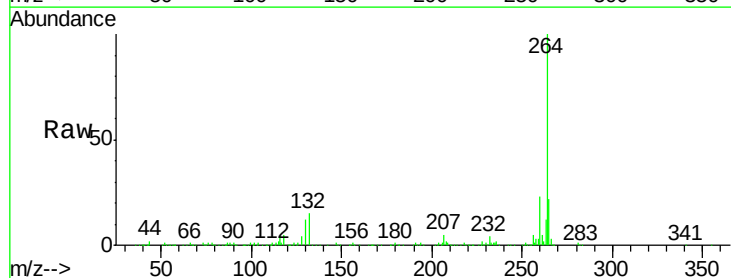
Instrument :
 BNA_G
 ClientSampleId :

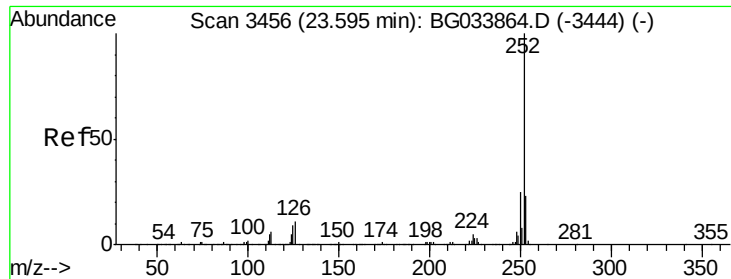
Tot Ion:276 Resp: 1413905
 Ion Ratio Lower Upper
 276 100
 138 15.0 16.0 24.0#
 277 25.8 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.56 min Scan# 3620
 Delta R.T. 0.00 min
 Lab File: BG033865.D
 Acq: 19 Apr 2018 11:51

Tgt Ion:264 Resp: 411766
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.4 26.0
 265 22.2 17.7 26.5

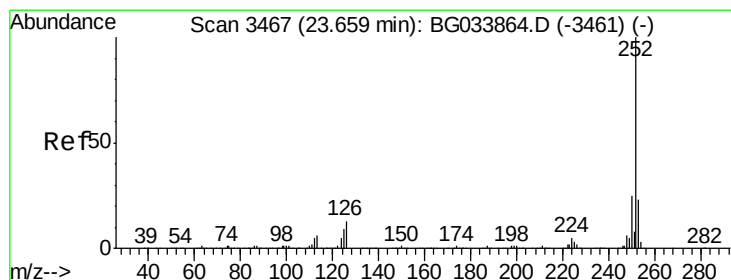
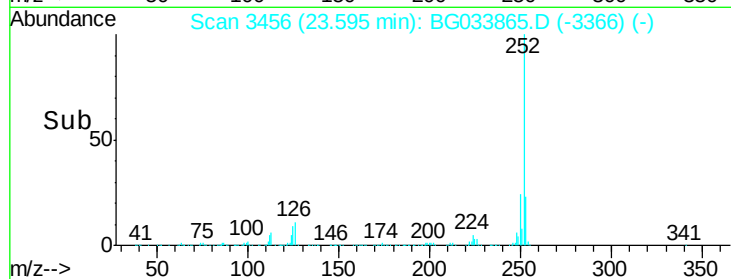
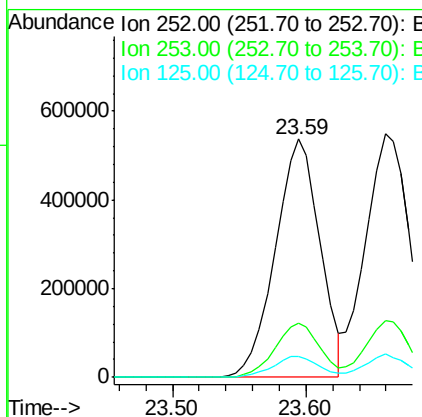
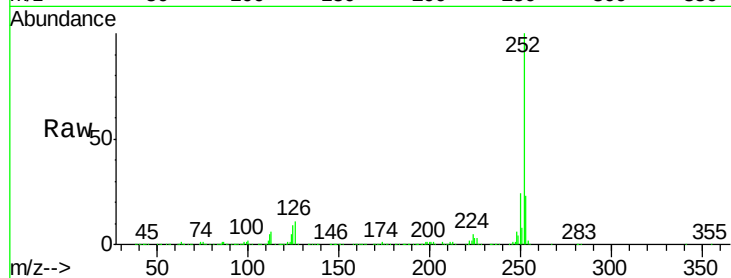




#87
Benzo(b)fluoranthene
Concen: 52.261 ng
RT: 23.59 min Scan# 3456
Delta R.T. 0.00 min
Lab File: BG033865.D
Acq: 19 Apr 2018 11:51

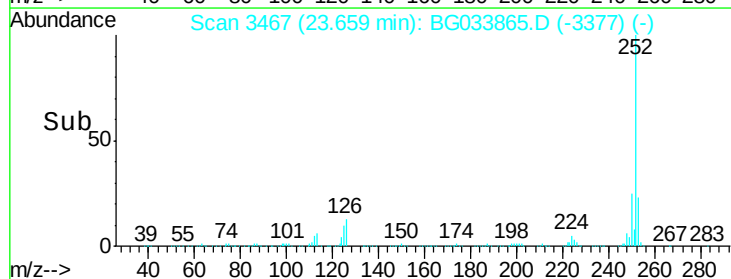
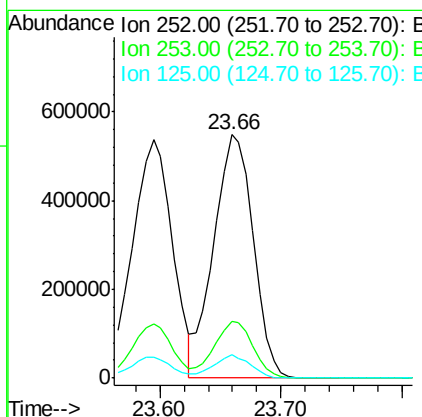
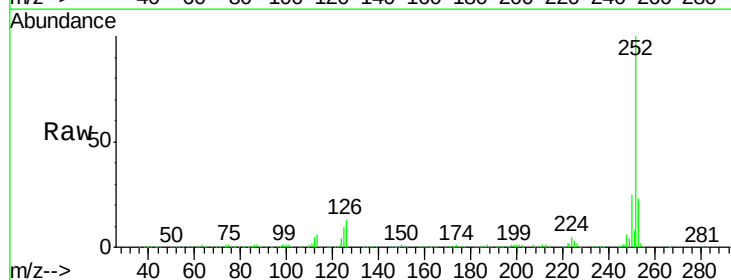
Instrument :
BNA_G
ClientSampleId :

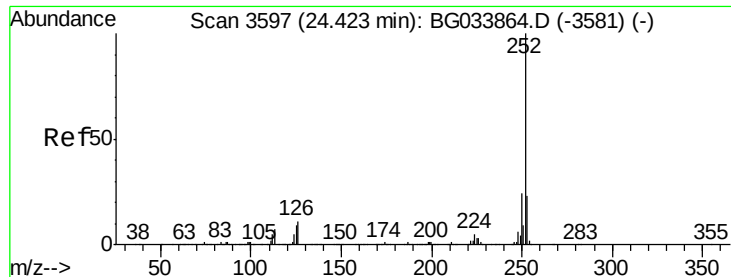
Tot Ion:252 Resp: 1243276
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 8.9 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 51.625 ng
RT: 23.66 min Scan# 3467
Delta R.T. 0.00 min
Lab File: BG033865.D
Acq: 19 Apr 2018 11:51

Tgt Ion:252 Resp: 1242118
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 9.7 6.6 9.8





#89

Benzo(a)pyrene

Concen: 52.760 ng

RT: 24.42 min Scan# 3596

Delta R.T. -0.01 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

Instrument :

BNA_G

ClientSampleId :

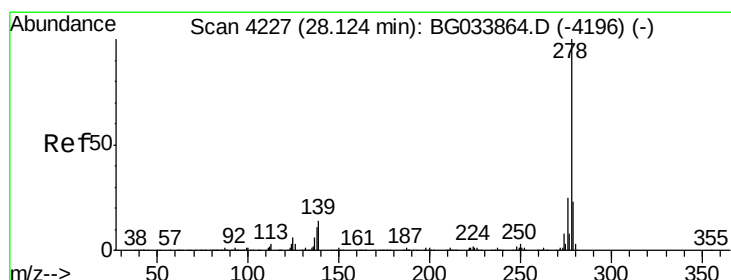
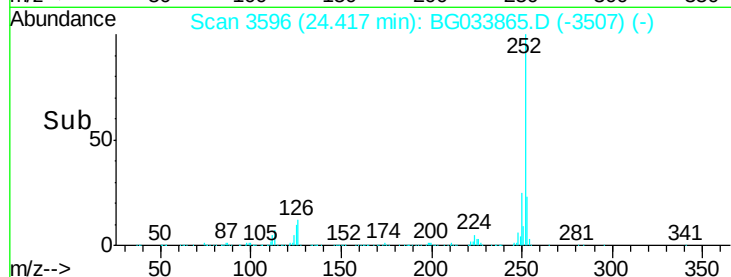
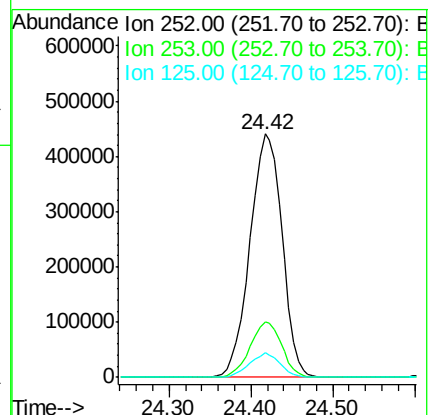
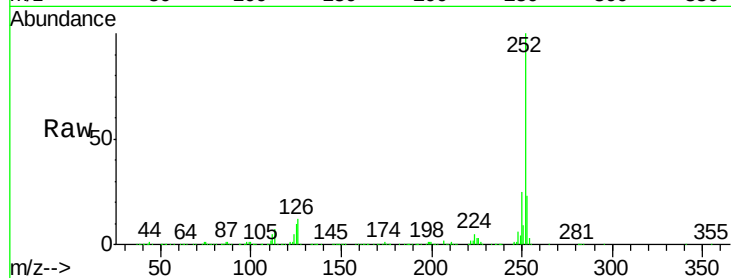
Tot Ion:252 Resp: 1205349

Ion Ratio Lower Upper

252 100

253 22.9 18.3 27.5

125 10.0 7.3 10.9



#90

Dibenzo(a,h)anthracene

Concen: 53.958 ng

RT: 28.12 min Scan# 4227

Delta R.T. 0.00 min

Lab File: BG033865.D

Acq: 19 Apr 2018 11:51

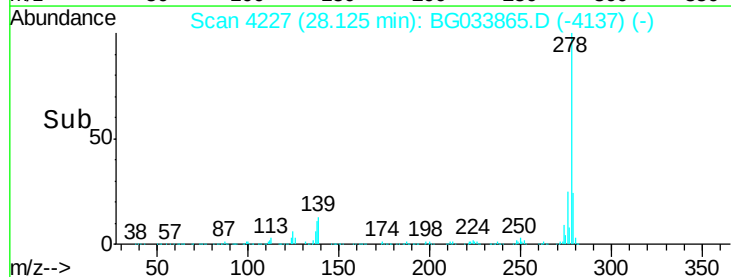
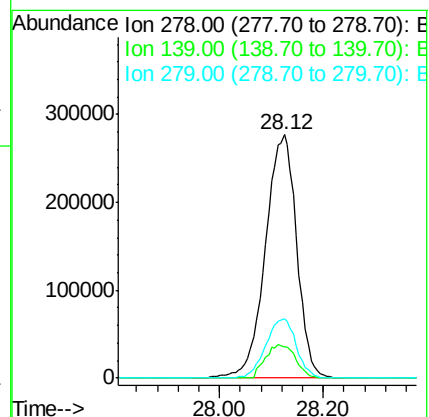
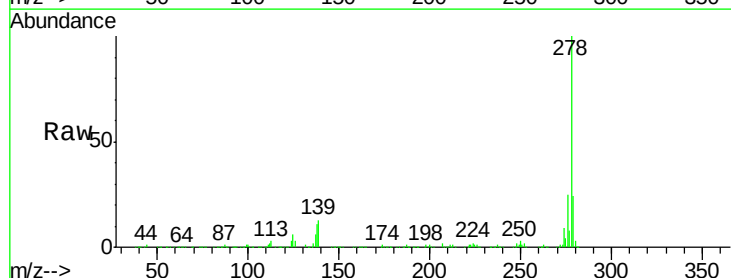
Tgt Ion:278 Resp: 1161180

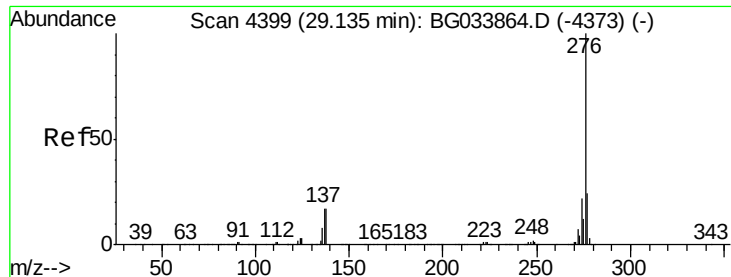
Ion Ratio Lower Upper

278 100

139 13.0 9.8 14.6

279 24.3 18.4 27.6

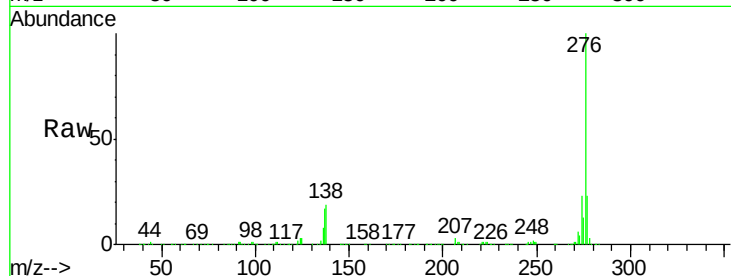




#91
 Benzo(a,h,i)perylene
 Concen: 54.014 ng
 RT: 29.14 min Scan# 4399
 Delta R.T. 0.00 min
 Lab File: BG033865.D
 Acq: 19 Apr 2018 11:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1151040
 Ion Ratio Lower Upper
 276 100
 277 23.2 18.3 27.5
 138 19.0 13.9 20.9



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

